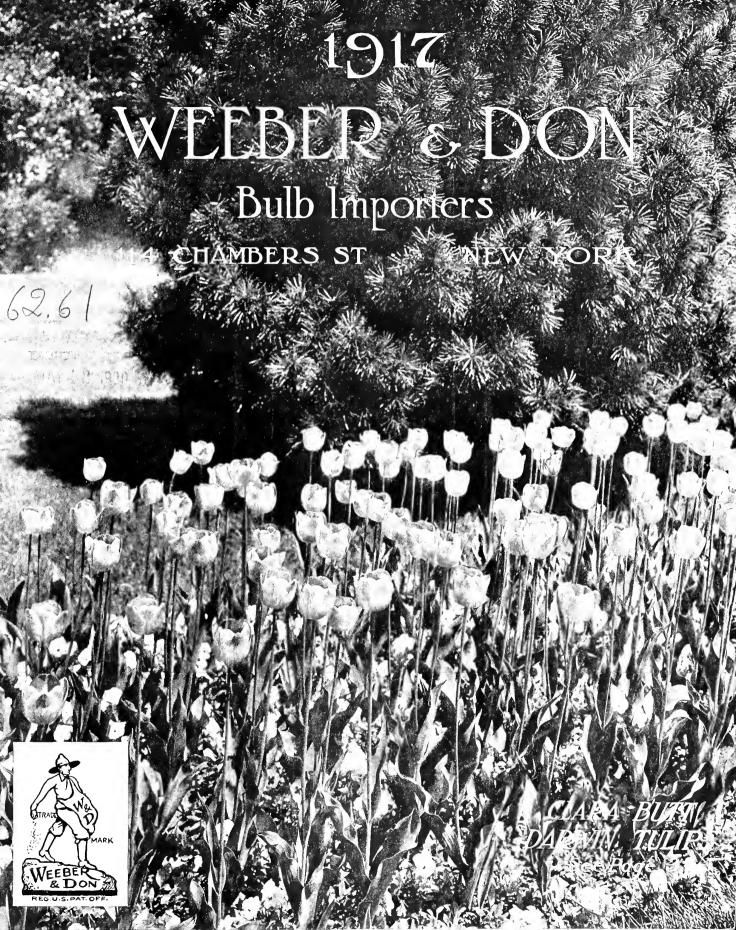
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

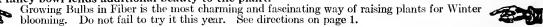




Ornamental Bowls, Dishes, Glasses,

Suitable for Growing Bulbs in Fiber in the House for Winter Blooming

By using our Prepared Bulb Fiber instead of soil, watertight vessels, such as we illustrate on this page, can be used. A fancy bowl lends additional beauty to the plant.







No. 1. Hanging Bulb Bowl with chain, made of pottery, excellent for bulbs, can be hung in a sunny window, has a lining and can be used for ferns. Each 75c.

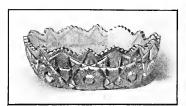
No. 6. Wooderaft Bulb Bowl, 832 inches, with delightful design of Narcissi in color. Each \$2.50.

No. 109. Bulb Bowl made to imitate basket weave, with rose decoration, old Flemish style, of beautifully blended colors. Each \$1.00.

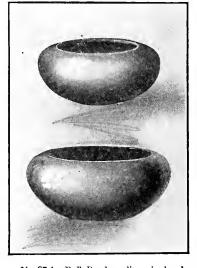


No. 1010 A. Fine ivory-colored terracotta, raised figures handsomely tinted 51/2 in. wide, 41/2 in. deep. Each \$1.30.

No. 1095 A. A beautiful, massive, sixeornered, low vase. Old ivory terra cotta, with raised figures in each panel. 7 in. wide, 51/2 in. deep. Each \$1.30.



No. 1080. GLASS BULB BOWLS. Each 35c., doz. \$3.50.



No. 87 A. Bulb Bowl, medium size bowl, in two colors, freak blue or peach blow. Each \$1.00.

No. 87 B. Bulb Bowl, a size larger than above style, in the same two colors. Each \$1.50.

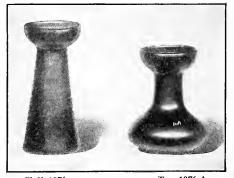


Roman Hyacinths grown in fiber



No. 1. Woodcraft, 7 inches in diameter, made to imitate tree bark, decorated with a sprig of cherrics in color, this dish has a nickel lining, so that it can be used for ferns. Each \$1.25.

No. 2. Woodcraft, same as above, but is $8\frac{1}{2}$ inches in diameter, with plum design. Each \$2.00.



Tye 1076 A. Tall 1076. HYACINTH GLASSES We can furnish these in either style in blue, green, amber or crystal. Each 25c., doz. \$2.50.



Roman Hyacinths grown in fiber



Tulips grown in fiber

Weeber & Don's



Narcissus grown in fiber

Prepared Holland Bulb Fiber

For Growing Bulbs in Ornamental Bowls, Fancy Vases, Jardinieres, Deep Dishes and Other Vessels Without Bottom Drainage

A complete substitute for soil, and a most charming way of growing bulbs in the house for Winter blooming. Intensely interesting and entirely satisfactory.

The method of growing bulbs in fiber, while comparatively new in our country, has been practised in Europe for years, and is, indeed, very popular there. It offers a great many advantages over the old way of using soil. The unsightly pot may be discarded and in its stead you can use artistic bowls or vases which will lend additional beauty to your plants. These bowls or vessels may be placed anywhere about the house without fear of any stain from water or soil.

Our fiber is scientifically prepared and will not sour. It contains abundant plant food to produce a most luxuriant growth and finest flowers, is clean to handle and

The bulbs which grow particularly well in fiber are Roman Hyacinths, all Dutch Hyacinths, Paper White Narcissus, Polyanthus Narcissus, Daffodis, all Trumpet and Double varieties, Poetaz Narcissus, Chinese Lilies, Single and Double Tulips, such varieties as are recommended for forcing, Freesias, Crocus, Scillas and Snowdrops. The fiber will be received in a dry condition, and should first be thoroughly moistened. The bulbs are potted the same way as in ordinary soil, just showing their tops. It is not necessary or desirable to press the fiber tightly, otherwise the roots do not work freely, and bulbs have a ten-dency to push themselves upward. Once potted, they require hardly any attention, but great care should be taken to keep the composition moist; on no account, however, must it be sodden or too wet.

If once allowed to become dry, even for half a day only, the pores of the roots close up and the bulbs in many cases go blind and are ruined. This happens more frequently with Tulips than Narcissus, the Tulip roots being finer and therefore more liable to injury.

When the bulbs have been potted, vases or jars should be kept in a dark, airy cellar or room until they have grown about one inch, when they should be brought in the light, and the vases or bowls can be placed in the window, taking care, of course, to keep them from frost.

1077 W. & D.'s Prepared Holland Bulb Fiber

We do not prepay Fiber. If wanted by Parcel Post, add postage at your zone rate.

1/2 **peck 35c.** P. P. weight, 4 lbs.

1 peck 60c. P. P. weight, 7 lbs. ½ bushel \$1.00. P. P. weight, 14 lbs.

1 bushel \$1.85. P. P. weight, 28 lbs.

GROWING BULBS IN WATER AND PEBBLES

Is another very fascinating method. Here, too, fancy bowls, glass or china dishes can be used. Fill the receptacles to very nearly the top with pebbles, then fill with water until it is on a level with them, press the bulbs gently into the pebbles so they stand erect; the roots will wind their way through them and secure a firm hold for the bulbs. Water must be added as it is taken up by the roots for nourishment.

The following bulbs are adapted to this method:

516 CHINESE SACRED LILIES. See page 18. Doz. 100 | 500 POLYANTHUS NARCISSUS GRAND Doz.

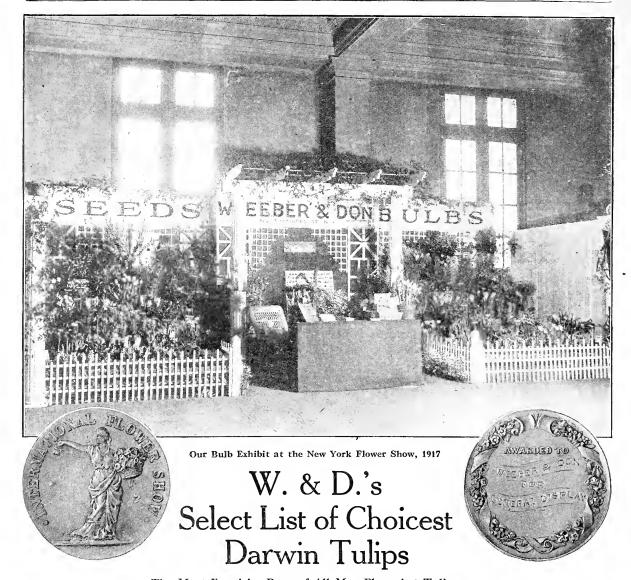
SOLEIL D'OR. See page 18......\$0.85 \$6.00

GROWING HYACINTHS IN GLASSES

HYACINTHS. The single-flowering varieties can also be grown in water for which especially constructed glasses, known as "Hyacinth Glasses" (see illustration on second page of cover) should be used.

Culture.—Single Hyacinths do better than Double in glasses, as they produce a much larger and more showy truss. Place the bulbs in the glasses, which should be filled with water so it touches the bottom of the bulbs; put them in a closed box in a eool place, or on a shelf in the dark part of the cellar, for from six to eight weeks, changing the water every ten days or two weeks; then remove them to the light. If then placed in a cool room they will produce very fine spikes and remain in bloom a long time. A small piece of charcoal in the water is beneficial.

Cultural Directions, "Bulbs for House Culture" free with every order, if asked for.



The Most Exquisite Race of All May-Flowering Tulips

A strong growing race of Tulips, with large, perfect, cup-shaped, brilliantly colored flowers, carried erect on long, stiff stems, averaging 2 feet in height. Wonderfully showy in beds or in clumps in the herbaceous border or among shrubs.

Grown for cut flowers they will prove very valuable at a time when the gardens yield so little to decorate our rooms. They flower during the middle part of May, when the Spring flowers are over and the Summer flowers, such as Peonies and Roses, have not yet come in. Their chief characteristics are the perfect cup-shape of the flowers and the blue, black or white coloring at the base of the petals inside of the flowers.

Another very characteristic quality of Darwins is that the color inside of the flower is just as bright as, and sometimes even brighter than outside. This is why a Darwin remains beautiful, even when it is fully open or almost gone.

By slow forcing in pots, they may be had in bloom in March or even earlier. Most of the varieties improve in color by protection under glass or canvas. The list of varieties we offer is carefully selected and includes nothing but fine varieties. We have discarded a great many sorts which we considered inferior to those we now offer.

Culture—Tulips can be planted out of doors any time between, say, the 15th of October and November 15th. They do best in a fairly stiff, well drained soil, but any good garden soil will grow them very well. Select, if possible, a warm, sunny and sheltered position, although they will grow well in almost any place except low, damp ground. The soil should be deeply dug, a little bone meal added and thoroughly mixed in. To have a brilliant effect, bulbs must be planted rather thickly; 6 inches apart for Darwin and Cottage Tulips, and 5 inches for the early-flowering varieties is about the right distance, and all of them should be set 5 inches deep to the bottom of the bulb. Tulips are very hardy and require no protection.

DARWIN TULIPS—Continued

An asterisk (*) indicates varieties especially suited for forcing.

319 BARONNE DE LA TONNAYE. Bright rose margined blush rose. Long, large flower, beautifully shaped; splendid forcer. Height 26 inches. Doz. 40c., 100 \$3.00, 1000 \$25.00.

321 *BARTIGON. Fiery crimson, with pure white base. Grand for forcing and bedding. Height 24 inches.

Doz. 55c., 100 \$4.00, 1000 \$36.00.

320 *BRONZE QUEEN (Breeder). Soft golden yellow bronze; large flower. Height 26 inches. Doz. \$1.00, 100 \$7.50.

Clear self-colored salmon rosy pink. 325 Clara Butt The finest Darwin Tulip of its class. An exquisite flower on the merits of which there is only one uniform opinion. A splendid forcer. Height 21 inches. Doz. 40c., 100 \$2.75, 1000 \$24.00.

326 DREAM. Beautiful, soft, uniform lilac, large flower. Height 26 inches. Doz. 60c., 100 \$4.00, 1000 \$38.00.

331 DONDERS. Dark crimson, black blue and white center; very large. Height 25 inches. Doz. 40c., 100 \$2.75, 1000 \$25.00.

333 EDMEE. Vivid cherry rose, edged soft old rose; a large flower of great beauty. Height 25 inches. Doz. 75c., 100 \$5.00, 1000 \$40.00.

332 *ERGUSTE. Dark heliotrope, white base; good forcer. Height 26 inches. Doz. 80c., 100 \$6.00, 1000

327 EUROPE. Glowing salmon scarlet, shaded rose. Beautiful flower. Height 22 inches. Doz. 40c., 100 \$3.50, 1000 \$30.00.

Fiery rose scarlet, in-328 *Farncombe Sanders side vivid cerise scarlet, white with center marked blue. Large, broadpetaled flower of perfect shape. One of the finest sorts, if not the finest of all reds and salmoncolored varieties. Height 25 inches. Doz. 55c., 100 \$4.00, 1000 \$35.00.

329 FAUST. Dark satiny purple, with blue base; very large and well formed. Height 30 inches. Doz. \$1.75, 100 \$10.00.

330 FLAMBEAU. Brilliant, rosy scarlet, with blue base; very showy. Height 20 inches. Doz. 50c., 100 Doz. 50c., 100 \$3.50, 1000 \$33.00.

334 GIANT. Extra large, dark purplish violet; very handsome. 24 inches. Each 40c., doz. \$4.00, 100 \$30.00.

335 *GLOW. 35 *GLOW. Dazzling vermilion scarlet, white base, with blue markings. A very beautiful Tulip, like a large Poppy, so brilliant is the color. A splendid variety. Height 23 inches. Doz. 50c., 100 \$3.50, 1000 \$32.00.

341 GRAND MAITRE. Dark purplish violet. 24 inches. Doz. 60c., 100 \$4.50, 1000 \$40.00.

336 *Gretchen Silvery pale rose, flushed white, inside soft pink, with white center marked blue. A very beautiful flower of delicate color. Height 24 inches. Doz. 30c., 100 \$2.25, 1000 \$20.00.

342 ISIS. Glowing vermilion; very tall, strong stems; one of the showiest for bedding. Doz. 60c., 100 \$4.50, 1000 \$40.00.

343 JOHN MALCOLM. Deep, rosy lilac, with white base; unique color; splendid forcer. Doz. 85c., 100 \$6.00.

337 *KING HAROLD. Deep purple red, with white base. A beautiful variety for the garden; stands the weather well. Height 24 inches. Doz. 50c., 100 \$3.50, 1000 \$30.00.

338 LA CANDEUR (White Queen). Lovely, soft white, slightly tinged blush; anthers black; a beautiful, large, globular, erect flower. Doz. 50c., 100 \$3.50, 1000 \$30.00.

339 LANTERN. Pale, silvery lilac, passing into white, inside clear lilac, with white base. Very beautifully shaped, medium-sized flower. Height 20 inches. Doz. 50c., 100 \$3.50, 1000 \$30.00.

344 LA TRISTESSE. Dull, slaty blue, with white base;

very distinct. Doz. 80c., 100 \$5.50, 1000 \$50.00.

351 LEOPOLD DE ROTHSCHILD. Chestnut color, with distinct blue-black center, margined white. Doz.

85c., 100 \$6.00, 1000 \$55.00.
340. *LOVELINESS. Soft, carmine rose, very warm and brilliant color. A lovely Tulip though not a very large flower. Height 21 in. Doz. 50c., 100 \$3.50, 1000 \$30.00.

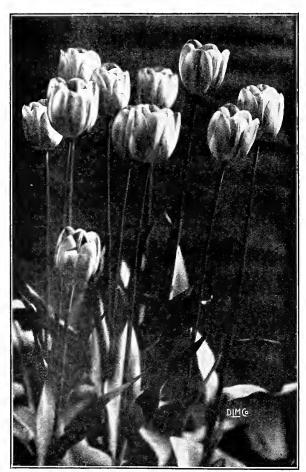


(325) Darwin Tulips Clara Butt

We deliver free in the United States all bulbs quoted at dozen and hundred rates if cash accompanies your order.

DARWIN TULIPS-Continued

- 354 MARCONI. Immense flower, dull violet. Doz. 85c., 100 \$6.00, 1000 \$55.00.
- 345 *MASSACHUSETTS. Vivid pink, with white center. Large flowers of splendid form and color. Height 26 inches. Doz. 50c., 100 \$3.50, 1000 \$30.00.
- 364 MAUVE CLAIR. Petals flamed reddish mauve, with pale blush edge, blue base; very beautiful. Each 10c., doz. \$1.00, 100 \$7.50.
 - 346 Mme. Krelage Bright lilac rose, margined pale silvery rose, inside soft rose inches. Doz. 50c., 100 \$3.50, 1000 \$30.00.
- 347 MRS. CLEVELAND. Beautiful, delicate flesh color; extra. Height 30 in. Doz. 50c., 100 \$3.50, 1000 \$30.00.
- 348 MRS. POTTER PALMER. Bright purplish violet; very large. Height 30 inches. Doz. 50c., 100 \$4.50, 1000 \$40.00.
- 352 MORALIS. Glossy violet purple; extra large and handsome. Height 32 inches. Each 20c., doz. \$1.50, 100 \$10.00.
- 349 NAUTICUS. Purplish rose, with dark violet base, shaded bronze; very large flower on a tall stem. Height 30 inches. Doz. 45c., 100 \$3.00, 1000 \$23.00.



(355) Pride of Haarlem

- 376 *NORA WARE. Silvery lilac, shaded white. 22 inches. Doz. 50c., 100 \$3.50, 1000 \$30.00.
- 353 <u>ORION.</u> Enormous flower, dark scarlet, blue center. Doz. 60c., 100 \$4.50, 1000 \$40.00.
- 350 PAINTED LADY. Creamy white, faintly tinged soft heliotrope when opening. A very beautiful flower, resembling a Water Lily. Height 27 inches. Doz. 40c., 100 \$3.50, 1000 \$32.00.
- 100 \$3.50, 1000 \$32.00.

 361 *PHILIPPE DE COMMINET. Velvety dark purple; strong stems. Excellent for bedding or forcing. 24 inches. Doz. 55c., 100 \$4.00, 1000 \$35.00.
 - flower of superb form and grand beauty. A stately plant for borders and among shrubs. For groups this variety is unsurpassed, both for its glorious color and its stately habit. Height 28 inches. Doz. 40c., 100 \$3.00, 1000 \$26.00.
- 363 *PRINCESS ELIZABETH. Vivid rosy pink; very beautiful. Doz. 75c., 100 \$5.00, 1000 \$45.00.
 356 *PRINCESS JULIANA. Salmon orange scarlet; a
- 356 *PRINCESS JULÍANA. Salmon orange scarlet; a most remarkable and beautiful flower. Height 26 inches. Doz. 50c., 100 \$3.50, 1000 \$32.00.
- 357 PROF. RAUWENHOFF. Cherry rose, with blue base. Flower of enormous size. Height 28 inches. Doz. 75c., 100 \$5.00, 1000 \$45.00.
 - 358 Psyche
 Rich, rosy pink, inside shaded silvery rose, with a pale blue base; very beautiful, delicately colored flower. Height 26 inches.
 Doz. 55c., 100 \$4.00, 1000 \$38.00.
- 362 QUEEN OF ROSES. Deep rose, shades blush; handsome. 23 inches. Doz. 45c., 100 \$3.00, 1000 \$26.00.
- 359 *REVEREND H. EWBANK. Vivid heliotrope lilac; magnificent flower, extremely beautiful outside and a handsome Tulip when forced. Doz. 55c., 100 \$4.00, 1000 \$32.00.
- 360 <u>SALMON KING.</u> Salmon rose, shaded rose; very pretty. Height 22 inches. Doz. 40c., 100 \$3.00, 1000 \$25.00.
- 365 SCYLLA. Fiery scarlet with a blue base; very bold and beautiful flower with a dazzling color. Height 26 inches. Doz. 50c., 100 \$3.50, 1000 \$30.00.
- 366 SIR HARRY VEITCH. Rich blood red, blue base; large bold flower. Doz. 40c., 100 \$3.00, 1000 \$25.00.
 367 SPRING BEAUTY. Clear scarlet with blue base.
- A very fine, good-sized flower. Height 23 inches. Doz. \$1.00, 100 \$7.50.
- a small form of the Black Tulip. Height 25 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.
- The Yellow Darwin

 base; large, bold flower. A splendid novelty, bringing quite a new color among Darwin Tulips. Height 23 inches. Doz. 65c., 100 \$5.00, 100 \$45.00.
- 370 *WILLIAM COPELAND. Bright violet; a magnificent flower, splendid for forcing. 24 inches. Doz. 60c., 100 \$4.50, 1000 \$40.00.
- 373 *ZULU. Rich, velvety, purple black. Large, egg-shaped flower, very distinct shape. Height 27 inches. Doz. \$1.00, 100 \$7.50.
 375 GRAND MIXTURE OF DARWIN TULIPS. Great
- 375 GRAND MIXTURE OF DARWIN TULIPS. Great variety of all colors and shades. Doz. 30c., 100 \$2.00, 1000 \$18.00.

Breeder Tulips

Breeders are the unbroken forms of the old Florist Tulips. Most of the varieties are purple, maroon or terra cotta colored. They are of enormous size, even larger than the Darwins, and vigorous growth. These Tulips are very valuable for the garden, producing, by their refined colors, a most artistic effect. They should be treated like Darwin Tulips, but should not be forced.

381 BLACK CHIEF. Dark purple black. Doz. 75c., 100 \$5.00.

377 BRONZE QUEEN (Clio Bisquit), soft buff, inside tinged golden bronze. Height 26 inches. Doz. \$1.00, 100 \$7.50.

378 CARDINAL MANNING (Kings-court). Dull wine red, flushed rosy brown. Height 28 inches. Doz. 55c., 100 \$4.00, 1000 \$38.00.

382 DOM PEDRO. Dullbrown, shaded maroon, inside mahogany. Very beautiful. Each 30c., doz. \$3.00.

379 GODET PARFAIT. Bright violet with white base; very large flower. Height 30 inches. Doz. \$2.00, 100 \$15.00.

383 JAUNE D'OEUF (Sunrise). Golden, outside petals shaded apricot. Doz. 50c., 100 \$3.00.

380 LA SINGULIERE (Lord Curzon). Opening silvery white, heavily flushed dark crimson at margin; very large. Height 25 inches. Doz. \$1.50, 100 \$10.00.



(433) Parrot Tulips



385 Medea Salmon carmine. We strongly recommend a trial with this Breeder. It has a very pleasing color that keeps well, has a strong stem and is one of the largest Tulips in cultivation. Height 30 inches. Doz. 40c., 100 \$3.50, 1000 \$32.00.

384 PRINCE OF ORANGE (Sunset). Orange bordered on terra cotta base. Doz. 75c., 100 \$5.00.
386 YELLOW PERFECTION. Light bronze yellow, edged

386 <u>YELLOW PERFECTION.</u> Light bronze yellow, edged golden yellow. A Tulip of remarkable beauty. Height 24 inches. Doz. \$1.25, 100 \$8.00.

TRIAL COLLECTION of 6 each of the above varieties of Breeder Tulips, \$5.00.

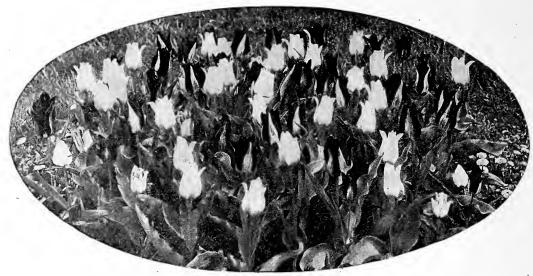
Parrot or Dragon Tulips

These Tulips have large characteristic blossoms, with curiously feathered petals. They are remarkable and exceedingly showy and effective in flower borders, and if grown in hanging baskets the drooping flowers look like Orchids. In height they average about 15 inches and belong to the late-flowering class.

421 Admiral de Constantinople. Glossy scarlet, shaded and tipped orange; very Doz. black star-shaped center..... 2.5022.50423 Lutea Major. Yellow; large; showy.
431 Perfecta. Golden yellow, heavily blotched rich deep scarlet; a showy and 22.502.50.35beautiful flower.... $.35 \quad 2.50 \quad 22.50$ 432 Markgraaf. Golden inside, outside shaded and feathered brilliant scarlet, purple and green. The showiest of all Parrot Tulips... $.45 \quad 3.00 \quad 25.00$ 433 Finest Mixed. Containing a good va-

Be sure to order by number as well as name

 $2.25 \quad 20.00$



A Showy Bed of Cottage Tulips

Late May-Flowering Hardy Cottage Garden Tulips

These beautiful Tulips have mostly been found growing in old cottage gardens in England, Scotland and Ireland, where they have been in some cases for over fifty years. They present a great variety in form and coloring, and have none of the stiffness of other Tulips. On account of their extreme hardiness they are specially adapted for permanent hardy flower borders, where they should be freely planted in large clumps and masses. They grow from 2 to 3 feet high.

- 389 <u>BOUTON</u> <u>D'OR.</u> Pure yellow. Doz. 45c., 100 \$3.00, 1000 \$25.00.
- 390 CALEDONIA. Orange scarlet, center greenish black; enormous flower. Height 24 inches. Doz. 35c., 100 \$2.50, 1000 \$22.00.
- 1395 Ellen Willmott Undoubtedly the finest May-flowering Tulip; flowers very large, beautifully shaped and of a soft creamy yellow color, with a delicious fragrance. Doz. 60c., 100 \$4.50, 1000 \$43.00.
- 396 FAIRY QUEEN. Rosy heliotrope, broadly margined yellow; very large and beautiful. Doz. 50c., 100 \$3.50, 1000 \$30.00.
- 397 GALA BEAUTY (Columbus). Blotched vermilion and golden yellow; beautiful flower. Doz. \$2.00, 100 \$15.00.
- 398 GESNERIANA SPATHULATA (Major). Dazzling scarlet, with blue base. The oldest of the Cottage Tulips, but not the least. Its enormous flower of dazzling brilliancy on its long stem still makes it one of the most popular Cottage Tulips. When fully open the bright blue base greatly adds to its brilliancy. Doz. 35c., 1000 \$2.50, 1000 \$20.00.
- 399 GESNERIANA AURANTIACA. Orange red, tall stemmed, large flower; most effective for beds and borders. Height 24 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.
- 400 Gesneriana Lutea
 100 \$\frac{1}{3}.00, 1000 \$\frac{1}{2}5.00.\$

 Beautiful yellow, tall and handsome. Doz. 45c.,
- 405 GOLDEN CROWN. Yellow, red bordered. Doz. 30c., 100 \$2.00, 1000 \$18.00.
- 406 INGLESCOMBE PINK (Salmon Queen). Delicate rose pink. Height 24 inches. Doz. 35c., 100 \$2.50, 1000 \$22.00.

- 407 INGLESCOMBE SCARLET. Brilliant vermilion, with black center. Doz. 55c., 100 \$4.00, 1000 \$35.00.
- 408 INGLESCOMBE YELLOW. Glossy canary yellow. The large globular flower has the perfect cup-shape of the true Darwin type, which has given it the name of the Yellow Darwin. The black anthers show off splendidly, which makes it look very much like Bouton d'Or, but it has twice its size. Doz. 65c., 100 \$5.00, 1000 \$45.00.
- 409 ISABELLA (Blushing Bride, or Shandon Bells). Salmon rose; very fine. Doz. 30c., 100 \$2.00, 1000 \$18.00.
- 410 LA CANDEUR (Parisian alba). White, changing to soft rose; large, egg-shaped flower. Doz. 45c., 100 \$3.00, 1000 \$25.00.
- 415 LA MERVEILLE. A magnificent variety; flowers of great size. Coloring salmon rose, shot orange red, with yellow center; fragrant. Doz. 40c., 100 \$2.75, 1000 \$22.00.
- 416 LA REVE (Sara Bernhardt). Very large flower of a rosy buff tone with yellow base; very handsome. Doz. \$1.00, 100 \$7.00.
- 417 <u>LUCIFER.</u> Bright terra cotta orange. Doz. \$2.00, 100 \$15.00.
- A magnificent and immense Tulip of rich orange yellow; a famous Parisian boulevard Tulip. Height 24 inches. Doz. 85c., 100 \$6.00, 1000 \$55.00.
- 419 MOONLIGHT. Extra large, sulphur-yellow flower; very beautiful. Doz. 95c., 100 \$7.00.
- 420 PICOTEE (Maiden's Blush). White, rose shaded. Doz. 35c., 100 \$2.50, 1000 \$20.00.
- 425 PRIMROSE BEAUTY. Belongs to the same type as Ellen Willmott; color soft primrose, changing to white. Doz. 45c., 100 \$3.00, 1000 \$26.00.
- 426 STRIPED BEAUTY (Summer Beauty). Rose, flaked crimson and white; large and showy flowers on tall stems. Height 20 inches. Doz. 75c., 100 \$5.00, 1000 \$45.00.

SINGLE EARLY TULIPS

Tulips are perhaps the most popular of all Spring-flowering bulbs, and are extensively used for forcing and bedding. For growing under glass the cultural directions given for Hyacinths should be followed. For bedding they should be planted 5 to 6 inches apart and 5 inches deep to the bottom of the bulb.

The best time for planting is in October and until the ground freezes late in November.

TULIPS ARE READY FOR DELIVERY IN SEPTEMBER

The varieties marked (1) generally begin to flower the 20th of April, those marked (2) after the first of May.

New Varieties of Single Tulips

198 BRILLIANT STAR. Bright vermilion scarlet, black center; extra. A most beautiful Tulip for early forcing. Doz. 85c., 100 \$6.00, 1000 \$56.00.

191 CALYPSO. Pale primrose yellow; quite distinct and recommendable for forcing. Doz. 50c., 100 \$4.00, 1000 \$35.00.

243 De Wet Beautiful golden, flushed and stippled fiery orange scarlet. Quite a distinct shade, unlike any other variety. Grown under glass, it is a real orange shade. This Tulip was much admired at the New York Flower Show of 1917 and generally admitted the finest and most promising new variety introduced for many years. Equally good for bedding and

forcing. Award of Merit wherever shown. Each 50c., doz. \$5.00, 100 \$40.00.

221 McKinley Orange red, shaded carmine outside; stemmed. Extra good for early forcing. Doz. 75c., 100 \$5.00, 1000 \$45.00.

241 President Taft Beautiful, silvery cerise on white ground. An extra fine novelty. Each 20c., doz. \$1.75, 100 \$10.00.

242 Rising Sun

great beauty and the best of its color. Highly recommended for exhibition. Each 20c., doz. \$2.00, 100 \$15.00.

General List of Named Varieties

189 (2) Artus. Rich scarlet with clear yellow center. Height 12 inches. Doz. 30c., 100 \$2.00, 1000 \$16.00.

195 (1) Chrysolora. Deep, golden yellow. Height 13 inches. Doz. 40c., 100 \$2.50, 1000 \$20.00.

196 (1) COTTAGE BOY. Orange red, bordered orange yellow. Height 11 inches. Doz. 45c., 100 \$3.00, 1000 \$28.00.

197 (1) COTTAGE MAID. Lovely rose pink, shading to cream Doz. 35c., 100 \$2.50, 1000 \$20.00.

199 (2) Couleur Cardinal Brilliant crimson. Height 13 inches. A big flower of great substance on a strong, tall stem, making it unrivaled for bedding and for growing in pots or pans. Can not be forced early. One of the most popular varieties. Doz. 60c., 100 \$4.50, 1000 \$40.00.

200 (1) CRAMOISI BRILLIANT. Rich, glowing scarlet. Very beautiful. Height 14 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.

205 (1) Crimson King. Crimson. Height 14 inches. Doz. 30c., 100 \$2.00, 1000 \$16.00.

206 (2) DUCHESSE DE PARMA. Orange red, margined deep yellow; a splendid bedder on a very tall, strong stem. Height 15 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.

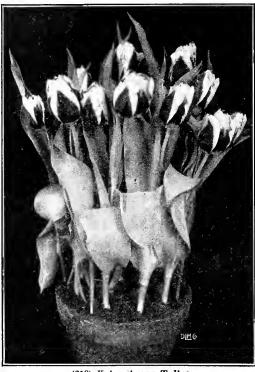
207 (1) DUSART. Crimson scarlet; very large; splendid for bedding. Height 12 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.

208 (2) Flamingo White, flaked bright carmine rose. Height 16 inches. This is one of the most popular pink Tulips. It is a sport from the well-known White Hawk, having the same artistic shape with its more or less crinkled petals. The color is of the brightest carmine pink with white on the middle of the petals. It is a splendid forcer and has unusual substance. Doz. 85c., 100 \$6.00, 1000 \$58.00.



(206) Tulips, Duchesse de Parma

SINGLE EARLY TULIPS—Continued .



(218) Keizerskroon Tulips

- 209 (1) GOLDEN QUEEN. Beautiful golden yellow. Height 15 inches. Doz. 55c., 100 \$4.00, 1000 \$35.00.

 210 (2) Gold Finch. Pure golden yellow. Height 11 inches. Doz. 35c., 100 \$2.50, 1000 \$22.00.
- 215 (2) HABBEMA (Le Reve, Sarah Bernhardt). Salmon rose tinged orange; very beautiful. Doz. 85c., 100 \$6.00.

 216 (1) JOOST VAN VONDEL. Deep cherry red, feathered
- Height 12 inches. Doz. 45c., 100 \$3.00, 1000 \$25.00.
 - 217 (1) Joost van Vondel, Pure White (Lady Boreel). Pure white, extremely beautiful. Height 12 inches. Doz. 55c., 100 \$4.00, 1000 \$35.00.
- 218 (1) KEIZERSKROON (Grand Duc). Carmine scarlet with broad yellow border. Height 16 inches. This old variety, which forces well, remains a great favorite for bedding. A bed of these big, showy flowers on their strong, tall stems, is a glorious sight. Should be planted by itself and not in combination with other varieties. Doz. 45c., 100 \$3.00, 1000 \$26.00.
- 219 (1) LA REINE (Queen Victoria). White, slightly shaded rose, splendid for forcing. Height 13 inches. Doz. 35c., 100
- \$2.50, 1000 \$20.00.

 220 (1) MAAS. Bright scarlet of immense size. The finest scarlet Tulip for bedding. Height 12 inches. Doz. 45c., 100 \$3.00, 1000 \$25.00.
- 225 (1) MON TRESOR. Pure yellow; excellent forcer. Height 13 inches. Doz. 55c., 100 \$3.75, 1000 \$34.00.
- 226 (1) OPHIR d'OR. Canary yellow, very sweet scented.

 Height 13 inches. The very best single yellow Tulip for bedding. Doz. 45c., 100 \$3.00, 1000 \$25.00.

227 (2) PINK BEAUTY. Rosy pink, slightly feathered white. Height 13 inches. A flower of unsurpassed size and beauty. It has no equal yet as a bedder, but will not stand early forcing. The price remains high yet, but it is fully worth the money. Doz. 75c., 100 \$4.50, 1000 \$40.00.

228 (2) Pottebakker Scarlet. Good scarlet bedder. Height 15 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.

229 (2) Pottebakker Yellow. Height 15 inches. Doz. 40c., 100 \$2.75, 1000 \$24.00.

230 (2) Pottebakker White. Pure white, very early. Height 15 inches. Doz. 55c., 100 \$3.50, 1000 \$30.00.

235 (2) President Lincoln (Queen of the Violets) Rosy purple, edges white. Height 10 inches. Doz. 55c., 100 \$3.75.

236 (2) PRIMROSE QUEEN. Canary yellow, stained with primrose. Height 12 inches. A highly recommendable novelty. Doz. 50c., 100 \$3.50, 1000 \$30.00.

237 (1) Prince de Ligny. Golden yellow. Height 12 inches. Doz. 45c., 100 \$3.00, 1000 \$26.00.

238 (2) PRINCE OF AUSTRIA. Scarlet, suffused with orange, yellow center, sweet scented. Height 14 inches. Doz. 45c., 100 \$3.25, 1000 \$30.00.

239 (1) PRINCESS HELENA. Beautiful pure white, very handsome; splendid forcer. Height 10 inches. Doz. 45c., 100 \$3.00, 1000 \$26.00.

240 (1) Princess Marianne. Creamy white, suffused with pink, shading to rose; very large. Height 12 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.

245 (1) PROSERPINE. Bright rose, suffused with purple; very handsome. Height 14 inches. Doz. 60c., 100 \$4.50, 1000 \$40.00.



(227) Pink Beauty Tulips

246 (1) Queen of the Netherlands inches. There is no other pink in Tulips that comes near to the delicate color of this Tulip. The flowers are simply immense and of a perfect shape. Doz. 45c., 100 \$3.00, 1000 \$25.00.

247 (1) QUEEN OF THE WHITES. Pure white, with pointed petals on strong stem; good bedder. Height 10 inches. Doz. 40c., 100 \$2.75, 1000 \$25.00.

248 (2) **Rosamundi Huyckman.** Rose and white. Height 12 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.

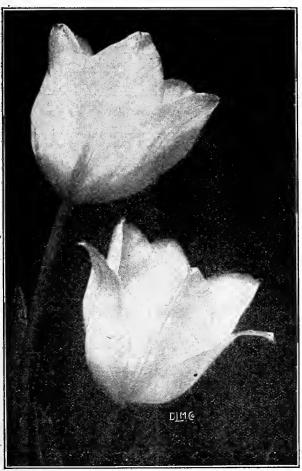
249 (2) Rose Grisdelin. Rose, shaded white. Height 10 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.
 250 (1) ROSE LUISANTE. Dark silky rose. Height 11

250 (1) ROSE LUIŚANTE. Dark silky rose. Height 11 inches. One of the most popular varieties for growing in pans and pots. The stem is strong and holds the big flower up perfectly. Also splendid for bedding. Doz. 55c., 100 \$3.75, 1000 \$32.00.

255 (2) Sir Thomas Lipton
shaped flower of great brilliancy. It is a sport from the old White Pottebakker, and will stand early forcing. Doz. 60c., 100 \$4.50, 1000 \$43.00.

256 (2) Thomas Moore. Bright orange, shaded with scarlet; very handsome and effective. Height 16 inches. Doz. 35c., 100 \$2.50, 1000 \$20.00.

257 (1) VERMILION BRILLIANT. Dazzling scarlet with yellow center. Height 12 inches. Doz. 55c., 100 \$4.00, 1000 \$38.00.



(265) Tulip Yellow Prince



(255) Tulip Sir Thomas Lipton

258 (1) WHITE HAWK (Albion). Pure white. Height 14 inches. The large, globular flowers are intensely white and have an unusual substance. The crinkled petals give to the flower an artistic look. One of the best white varieties for forcing as well as for bedding. Doz. 50c., 100 \$3.50, 1000 \$30.00.

259 (2) White Swan (true). Pure white, egg-shaped flowers. Height 16 inches. An excellent variety for cutting. Doz. 35c., 100 \$2.50, 1000 \$20.00.

260 (1) WOUVERMAN. Rich dark purple. Height 12 inches. Doz. 60c., 100 \$4.00, 1000 \$38.00.

265 (2) YELLOW PRINCE: Rich yellow, sweet scented. Height 11 inches. Doz. 35c., 100 \$2.50, 1000 \$22.00.

W. & D.'s SPECIAL MIXED SINGLE TULIPS

This mixture is made up of FIRST SIZE BULBS and contains an elegant assortment of all varieties and colors. Doz. 30c., 100 \$1.75, 1000 \$15.00.

Extra Early Duc Van Thol Varieties

The Duc Van Thols are the earliest of all the Tulips. They are of dwarf habit, growing from 6 to 7 inches in height, and well adapted for forcing. Doz. 100 1000 267 Duc Van Thol. Scarlet......\$0.35 \$2.50 \$20.00 268 Duc Van Thol. Crimson......35 2.50 20.00

25.00270 Duc Van Thol. Rose 3.00 275 Duc Van Thol. Red and yel-.35 2.5020.00 low. 276 Duc Van Thol. White 25.00.453.00 277 Duc Van Thol. Yellow 3.2528.00

The varieties marked 1 generally begin to flower last week of April, those marked 2 first week in May. ARRANGEMENTS FOR PLANTING DOUBLE TULIPS IN BEDS

Double Tulips should be planted one variety in each bed. Grouping different varieties does not produce such a good effect. We advise for that purpose the varieties marked with an asterisk (*). However, if more than one variety is desired, we would recommend the following combinations:

IMPERATOR RUBRORUM and L'INNOCENCE. COURONNE D'OR and BOULE DE NEIGE.

278 (1) BLANCHE HATIVE. Pure white. Height 15 inches. Beautiful. Doz. 45c., 100 \$3.00, 1000 \$25.00. 279 (1) Boule de Neige. Large white, fine, double flower.
 Height 13 inches. Doz. 50c., 100 \$3.50, 1000 \$32.00.

280 (2) COURONNE DES ROSES (Crown of Roses). Deep pink, large flower. Height 14 inches. Doz. 75c., 100 \$5.00, 1000 \$45.00.

285 (*1) COURONNE D'OR (Crown of Gold). Golden yellow, flushed orange. Height 13 inches. Doz. 60c., 100 \$4.50, 1000 \$43.00.

286 (1) Duc van Thol. Red and yellow. Very early. Height 10 inches. Doz. 30c., 100 \$2.00, 1000 \$16.00.

Reddish orange with rich yel-287 (*2) El Toreador low border. Height 14 in. One of the most conspicuous of the Double Tulips. It is a sport from old Tournesol, making the same big head, but on a stronger stem. It is a grand Tulip for pots and pans. Doz., 75c., 100 \$5.00, 1000 \$45.00.

288 (*2) IMPERATOR RUBRORUM. Bright scarlet, vellow center. Height 12 inches. Doz. 50c., 100 \$3.50, 1000 \$32.00.

289 (2) LA CANDEUR. Pure white. Height 13 inches. Remains in flower a very long time. Doz. 40c., 100

\$2.75, 1000 \$25.00. **290** (*2) **LA GRANDESSE.** Soft rose, shaded white. Height 14 inches. Doz. 45c., 100 \$3.00, 1000 \$24.00.

295 (*1) LE MATADOR. Scarlet with purple glow at the outside of the petal. Height 14 inches. Extremely beautiful. Doz. 50c., 100 \$3.50, 1000 \$30.00.

296 (2) L'Innocence. white, good bedder with Imperator. Height 12 inches. Doz. 45c., 100 \$3.00, 1000 \$26.00.

297 (*2) LORD BEACONS-

FIELD. Brilliant crimson rose. The shape of the flower resembles a giant Height 12 Ranunculus. inches. Doz. 50c., 100 \$3.50, 1000 \$30.00.

298 (*2) Murillo Extra fine pink. This variety is the best double pink Tulip for forcing. Height 12 inches. Doz. 35c., 100 \$2.50, 1000 \$22.00.

299 (*1) PRINCESS BEA-TRICE. Lovely blush pink. One of the prettiest colored Double Tulips. Height 14 inches. Doz. 45c., 100 \$3.00, 1000 \$25.00.

RUBRA MAXIMA and LA CANDEUR. TOURNESOL YELLOW and VUURBAAK.

300 (2) REX RUBRORUM. Bright scarlet. Height 12 inches. Doz. 45c., 100 \$3.00, 1000 \$25.00.

305 (*2) ROSE BLANCHE. Snow white, bedding Tulip. Height 10 inches. Doz. 35c., 100 \$2.50, 1000 \$22.00.

306 (*2) RUBRA MAXIMA. Dazzling scarlet, splendid bedding variety. Height 12 in. Recommended instead of Rex Rubrorum. Doz. 45c., 100 \$3.00, 1000 \$25.00.

307 (1) SALVATOR ROSA. Beautiful deep rose, extra. Height 12 inches. Doz. 45c., 100 \$3.00, 1000 \$26.00.

308 (*2) SCHOONOORD. A pure white sport of Murillo, with all the good qualities of that well-known variety. Doz. 50c., 100 \$3.50, 1000 \$32.00. Height 12 inches.

(Saffrano, Brimstone). Saffron yel-**309** (*2) **Tearose** low. Height 12 inches. One of the most beautiful sports from Murillo, of a pleasing soft saffron-yellow shade, occasionally passing off light orange at the tops of the petals. The color is exactly that of the old Tearose, hence the name, under which we will list it in future, discarding the name Saffrano. It is a splendid variety for growing in pans. Doz. 75c., 100 \$5.00, 1000 \$45.00.

310 (2) TITIAN. Red bordered yellow; very early forcer. Height 12 inches. Doz. 55c., 100 \$3.75, 1000 \$35.00.

315 (2) TOURNESOL RED AND YELLOW.

scarlet, edged yellow. Height 13 in. A very early forcer, making a big head, which often is too heavy for the stem. We furnish strong bulbs, producing stems which will hold the flower up. Doz. 55c., 100 \$4.00, 1000 \$38.00. 316 (2) TOURNESOL YEL-

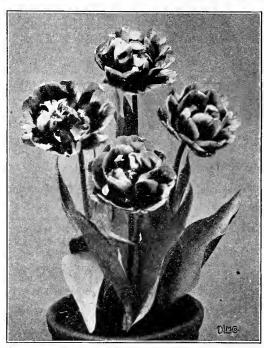
LOW. Bright yellow, shaded orange. Height 13 inches. Doz. 55c., 100 \$4.00,

1000 \$35.00.

317 (2) VUURBAAK. Brilliant scarlet. Height 14 inches. Has become one of the leading varieties in this color, specially for bedding. Well-shaped and very large flowers on strong stems. Doz. 55c., 100 \$4.00, 1000

\$35.00. 318 W. & D.'s Special Mixed Double Tulips

A fine assortment of mixed colors for outdoor culture. Nearly all varieties are represented. We use only first size bulbs, and every one can be depended on to flower. . Doz. 30c., 100 \$1.75, 1000 \$16.00.



(315) Double Tournesol Red and Yellow

HYACINTHS

French Roman Hyacinths

(Ready for delivery in August)

Roman Hyacinths are extensively used for forcing. The flowers, while smaller than those of the Dutch Hyacinths, are produced in greater abundance and are delightfully fragrant.

Very short crop of Jumbo and Mammoth sizes. Order early.

	200.	100	1000
5 EARLY PURE WHITE, JUMBO BULBS. 15 ctm. and over	\$1.75	\$10.00	\$95.00
6 EARLY PURE WHITE, MONSTER SIZE. 14 ctm. and over			85.00
7 EARLY PURE WHITE, EXTRA-SELECTED. 13 to 15 ctm	1.25	8.00	75.00
8 Single Dark Rose	85	6.50	60.00
9 Single Light Blue			55.00
10 Double Rose Pink	85	6.50	60.00

W. & D.'s Extra Selected Hyacinths

For Bedding and Forcing

These are grown for our trade and must not be confounded with the so-called Mixed Hyacinths sold by some, containing the cullings of the trade, immature, undersized bulbs. For massing in borders or design work, or for forcing, they are well adapted. Our mixture is composed of bulbs which are nearly of the same height and flower simultaneously.

Mixed Single Varieties

	_	
	Colors Separate Do	z. 100
15	Dark Red	55 \$4.50
16	Red and rose	4.50
17	Pure white	4.50
18	Creamy white and tints	4.50
19	Light blue	4.50
20	Dark blue and violet	4.50
25	Yellow, all shades	4.50
26	All colors, mixed	4.50

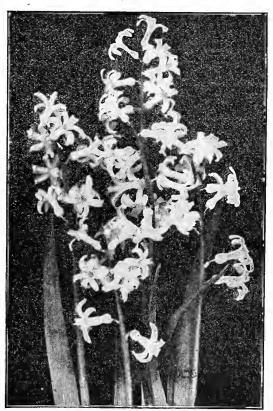
Mixed Double Varieties

	Colors Separate	Doz.	100
	Colors Separate Dark red		
28	Red and rose	75	5.50
29	Pure white	75	5.50
30	Creamy white and tints	75	5.50
35	Light blue	75	5.50
36	Dark blue and violet	75	5.50
37	Yellow, all shades	75	5.50
38	All colors, mixed	75	5.50

Be sure to order by number as well as name

Cultural Directions for Hyacinths

Planting in the Open Ground. October and November is the proper time, but they can be set out any time as long as the ground is open and the bulbs remain sound. The bulbs should be planted evenly about six inches deep (to the bottom of the bulbs), and from five to six inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly.



Early Pure White Roman Hyacinths

NON-WARRANTY

Weeber & Don give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.—W. & D.

BULB FIBER. A splendid substitute for soil. See 2d cover and page 1.

W. & D.'s Exhibition Hyacinths

Extra Selected Top Size or Monster Bulbs

The bulbs of the varieties offered under this heading are of **enormous size** and will produce **immense trusses** and bells of the most perfect shape. We recommend this size especially for show and exhibition purposes, and where the finest results are desired. The supply is limited, therefore the price is high, but they are well worth the money.

This list includes the best of the most recent novelties, many of which have received the highest awards, Gold Medals, etc., at the leading shows.

- 61 ADMIRAL COURBET. Deep violet blue. The bulbs, as well as the truss, are enormous. One of the earliest forcers. Each 30c., doz. \$3.00, 100 \$20.00.
- 41 Beauty Tender light pink. A novelty of exceptional merit. It is an easy forcer and early. The 40c., doz. \$4.00.
- 64 Coral Gem Each 30c., doz. Fleshy salmon pink; bells of medium size. A striking color for exhibition. \$3.00, 100 \$20.00.
- 62 Correggio

 shape and great beauty. The good-sized bells are fleshy and of the purest white. It is a good forcer and produces a big, smooth bulb. Each 30c., doz. \$3.00, 100 \$20.00.
- 54 Daylight Primrose yellow. The best in its color. A splendid show variety. Each 30c., doz. 40z.
- 52 <u>DR. LIEBER.</u> Dark porcelain blue; splendid truss, early forcer. Resembles much the old Chas. Dickens, but is far better. Each 30c., doz. \$3.00.
- 71 <u>Duke of Westminster</u> Deep purplish blue; large bells, white center. The Each 40c., doz. \$4.00.
- Light, silvery blue. Its loose, well filled spike is of an enormous size; stands up well, which makes it a good bedder. Good, early forcer and should be better known. We can supply a limited quantity. Each 30c., doz. \$3.00, 100 \$20.00.
- 50 Enchantress 30c., doz. \$3.00. Most delicate porcelain blue, splendid, well-finished, compact truss. Each
- 43 GOUNOD. Dark lavender. One of the largest flowers in existence, of a glittering, dark lavender blue. The spike is very compact and of a globular shape. Each 40c., doz. \$4.00.
- 63 Hein Roozen (New). Fine, large, pure white bells, long truss. An exhibition variety of first rank. Each 30c., doz. \$3.00.
- 73 JACQUES. Rose pink. Enormous loose spike of a perfect pyramid shape. Each 25c., doz. \$2.50.
- 55 KING OF THE BLUES. Rich dark blue. One of the largest flowers existing, splendid, well finished truss of a most brilliant shade of indigo blue; excellent for late forcing and bedding. Each 25c., doz. \$2.50.
- 45 KOH-I-NOOR. Lovely rose pink. Semi-double bells, unusually long and handsome spike. Each 25c., doz. \$2.50.
- 46 Lady Derby Bright rose pink; perfect spike on a strong stem. Each 25c., doz. \$2.50.
- 25 LA GRANDE JAUNE. Buff; fine spike. Each 30c., doz. \$3.00, 100 \$20.00.

- 57 La Grandesse Snow white. Is still the queen of the White Hyacinths. The intense whiteness of the large, fleshy bells, the size and shape of the truss are not yet equalled. Should not be forced after the middle of March, because the stem grows too tall after that time. Each 30c., doz. \$3.00.
- 87 LA VICTOIRE (Victory). Brilliant dark pink. A prizetaker at every exhibition. Each 30c., doz. \$3.00.
- 58 L'INNOCENCE. Pure white, large truss. The leading white for forcing as well as bedding. Used in immense quantities in all sizes. Each 30c., doz. \$3.00.
- 51 MARCONI. Bright pink. The color of this beauty is almost like that of Queen of the Pinks, which new variety has been greatly admired during the past years. They differ, however, very much in shape, Marconi being a broad flower on a rather short, stiff stem, while Queen of the Pinks is a tall grower. It is very fine for forcing. Each 40c., doz. \$4.00.
- 48 MORENO. Lively pink; extra large truss. One of the earliest pinks. Each 30c., doz. \$3.00.
- 74 ORANJEBOVEN. Reddish orange. distinct color; enormous truss. Fine for exhibition. Each 40c., doz. \$4.00.
- 53 PERLE BRILLANTE. Light blue. Produces a large, erect spike of a most perfect shape. The large bells, outside sky blue, and inside much paler, show off splendidly on the dark stem. We highly recommend this variety. Each 30c., doz. \$3.00, 100 \$20.00.
- 72 Queen of Pinks

 bound to become one of the leading pinks. A sport of the well-known King of the Blues, just as brilliant in its color as its parent. Highly recommendable for middle-early forcing. A beauty in every sense of the word. Each 30c., doz. \$3.00.
- 49 QUEEN OF THE BLUES. Light blue with silvery appearance, large spike, splendid flower; an exhibition variety of great merit. Each 25c., doz. \$2.50.
- 44 Syringa Rose lilac. Sport of the well-known Gigantea. Has the same habits as its parent. Its rose-lilac color resembles much the color of Lilacs, hence its name. A unique color for bedding, also a good forcer. Each 40c., doz. \$4.00.
- 15 Thomas Willett novelty for forcing, having a refined color of the most tender rose, shaded soft lilac. It has the same good habits as its parent. A prize winner. Each 45c., doz. \$4.50.
- "BULBS FOR HOUSE CULTURE." Complete directions for growing Bulbs in pots, bowls, glasses, etc. Free with every order if asked for.

First Size Single Named Hyacinths

Mammoth Bulbs for Pots, Bowls, Glasses, Etc.

The varieties quoted below are all extra selected, first size bulbs, and cannot be excelled. They should always be selected for exhibition purposes, to grow singly in pots or glasses, and are equally superior for bedding, if the price can be afforded.

We specially recommend Single Hyacinths; they are preferable

to double ones, as they produce larger spikes and force more easily. The varieties prefixed by an asterisk (*) we recommend as the

most valuable.

Directions for Culture in Pots. Fill the pots with a light, rich potting soil, and have the tops of the bulbs just above the surface; give a good watering and set away in a cool place, covering them with about five inches of sand or coal ashes. In about eight weeks they may be taken to the room in which they are to flower. By bringing in a few pots at a time about two weeks

apart, a succession of bloom may be had.

Glass Culture. Single Hyacinths do better than Double in glasses, as they produce a much larger and more showy truss. Place the bulbs in the glasses, which should be filled with water so it touches the bottom of the bulb; put them in a closed box in a cool place, or on a shelf in the dark part of the cellar, for from six to eight weeks, changing the water every ten days or two weeks; then remove them to the light. If then placed in a cool room they will produce very fine spikes and remain in bloom a long time. A small piece of charcoal in the water is beneficial.

SINGLE RED

59 CARDINAL WISEMAN. Large, compact spike; dark pink; splendid for growing in pots. Each 15c., doz. \$1.50.
 60 *DUCHESS OF ALBANY. Bright crimson; splendid.

Each 20c., doz. \$2.00.

65 *GARIBALDI. Glowing carmine, extra large truss; early. Each 15c., doz. \$1.50.

Light pink. A pink sport from the popular Grand Maitre, having 66 *General De Wet exactly the same habits. Each 15c., doz. \$1.50.

67 *Gertrude. Rosy pink, large, compact truss. Each 15c., doz. \$1.50.

68 Gigantea. Blush pink, large spike. Each 15c., doz. \$1.50. 69 *Jacques Pink; enormous spike; extra exhibition variety. Each 15c., doz. \$1.50.

70 *LA VICTOIRE. Brilliant scarlet, very fine spike, extra for exhibition. Each 20c., doz. \$2.00.

75 *LADY DERBY. Bright rose, very large truss. Each 20c.,

76 *MORENO. Improved form of Norma; the spike is much larger, great number of bells and of a deeper pink, extra. Each 15c., doz. \$1.50.

77 ROI DES BELGES (King of the Belgians). Bright scarlet. The most popular of the scarlets. It is one of the most popular bedders. Each 15c., doz. \$1.50. 78 *Robert Steiger. Deep crimson. Each 15c., doz.

SINGLE WHITE

79 *Arentine Arendsen Snow white. The spike is unusually well filled and has a perfect round shape. The broad, wide open petals are of intense whiteness and make the flower look unusually bright and pretty. Each 20c., doz. \$2.00. 80 *Baroness van Thuyll. Snow white, compact spike.

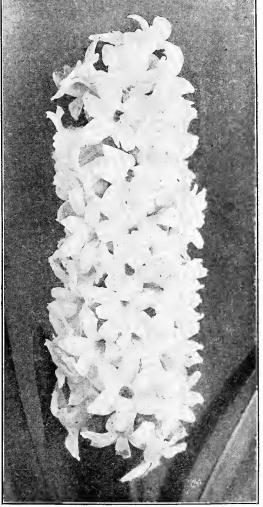
Each 15c., doz. \$1.50.

85 *BRITISH QUEEN. Pure white, very large spike.

Each 20c., doz. \$2.00.

86 GENERAL VETTER. Blush white. The spike has a perfect pyramid shape and is one of the largest in existence. Each 15c., doz. \$1.50.

87 Grandeur a Merveille. Blush white, large, handsome truss, splendid for bedding. Each 15c., doz. \$1.50.



(88) Hyacinth La Grandesse

83 *La Grandesse Pure white, large spike; the best white. Each 20c., doz. \$2.00.

89 *MADAM VAN DER HOOP. Large bells, pure white, good truss. Each 15c., doz. \$1.50.

90 *MR. PLIMSOLL. Ivory white, distinct and beautiful. Each 15c., doz. \$1.50.

95 *L'INNOCENCE. Pure white, large truss. Each 20c., doz. \$2.00.

97 *CZAR PETER. Light blue, fine. Each 25c., doz. \$2.50.

98 *ENCHANTRESS. Pale porcelain, handsome spike. Each 20c., doz. \$2.00.

99 *GRAND LILAS. Silvery lilac, fine truss and bells. Each 20c., doz. \$2.00.

100 GRAND MAITRE. Deep lavender bluc, shaded darker blue. The leading and most popular blue. Forces splendidly and is a great bedder. Each 20c., doz. \$2.00.

BULB FIBER. A splendid substitute for soil. See second page of cover and page 1

SINGLE BLUE HYACINTHS-Continued

- 105 *KING OF THE BLUES. Splendid truss, the best of dark blues. Each 20c., doz. \$2.00.
- 106 La Peyrouse. Clear, porcelain blue. Each 15c., doz. \$1.50.
- 107 *LORD BALFOUR. Purplish violet, very large bells. Each 15c., doz. \$1.50.
- 108 Marie. Dark blue, fine spike. Each 20c., doz. \$2.00.
- 109 *MENELIK. Purplish black; very distinct; extra large flower. Each 20c., doz. \$2.00.
- 110 POTGIETER. Light blue. This is a variety we consider too little known. It produces a big, well shaped truss, and is as good for forcing as for bedding. It deserves special recommendation. Each 15c., doz. \$1.50.

- 115 *PIENEMAN. Dark porcelain blue, large bells. Each 15c., doz. \$1.50.
- 116 *QUEEN OF THE BLUES. Large, light blue, splendid truss. Each 20c., doz. \$2.00.

SINGLE YELLOW

- 117 Buff Beauty. Buff orange yellow, enormous truss. Each 20c., doz. \$2.00.
- 118 *CITY OF HAARLEM. Pure yellow, extra large truss; a splendid variety for exhibition. Each 20c., doz. \$2.00.
- 119 King of the Yellows. Deep yellow, grand truss. Each 15c., doz. \$1.50.
- 120 *YELLOW HAMMER. Golden yellow, very large spike. Each 20., doz. \$2.00.

W. & D.'s Selected Double Named Hyacinths

Choice Extra Size Bulbs for Pots and Glasses (First Size)

DOUBLE RED

- 125 *BOUQUET ROYAL. Bright rose, dark eye. Each 20c., doz. \$2.00.
- 126 *CHESTNUT FLOWER. Rose; very large and beautiful. Each 20c., doz. \$2.00.
- 127 *GROOT VOORST. Blush, large bells. Each 20c., doz. \$2.00.
- 128 *NOBLE PAR MERITE. Deep rose, large fine truss. Each 20c., doz. \$2.00.
- 129 PRESIDENT ROOSEVELT. Very lively pink, big, compact spike. Each 20c., doz. \$2.00.
- 130 *PRINCE OF ORANGE. Blush rose, fine spike. Each 20c., doz. \$2.00.

DOUBLE BLUE

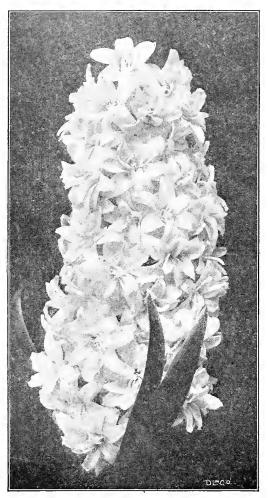
- 135 Bloksberg. Light blue, good truss. Each 20c., doz. \$2.00.
- 136 *DELICATA. Fine pale blue, large spike. Each 20c., doz. \$2.00.
- 137 Garrick. Deep blue, good truss. Each 20c., doz. \$2.00
- 138 *GENERAL KOHLER. Bright blue; extra. Each 20c., doz. \$2.00.
- 139 Bluebird. Dark blue. Each 20c., doz. \$2.00.

DOUBLE WHITE

- 140 Bouquet Royal. Pure white, Each 20c., doz. \$2.00.
- 145 *ISABELLA. Blush white, splendid spike. Each 20c., doz. \$2.00.
- 146 *LA GRANDESSE. Pure white, extra large flowers. Each 25c., doz. \$2.50.
- 147 La Tour d'Auvergne. Snow white, fine spike. Each 20c., doz. \$2.00.
- 148 *PRINCESS METTERNICH. Pale blush, fine. Each 20c., doz. \$2.00.

DOUBLE YELLOW

- 149 Bouquet d'Orange. Dark orange, fine. Each 20c., doz. \$2.00.
- 150 Goethe. Bright yellow, fine truss, large bells. Each 20c., doz. \$2.00.
- 155 *SUNFLOWER. Yellow, tinted salmon. Each 20c., doz. \$2.00.



(146) Double White Hyacinth, La Grandesse

Dutch Hyacinths Grown in France

Especially suitable for very early forcing. May be had in bloom early in December.

With especially careful culture these Hyacinths have even bloomed as early as Thanksgiving Day. This has been made possible by growing the bulbs of Dutch Hyacinths for one season in the south of France, in the same district where the Roman Hyacinths are grown. Owing to the more favorable climate there, the bulbs ripen off considerably earlier than in Holland and become thereby especially valuable for very early forcing. The following varieties respond most readily to this treatment and have given absolute satisfaction in every test.

ALL FIRST SIZE OR MAMMOTH BULBS

- 81 GERTRUDE. Rosy pink. Each 20c., doz. \$2.00, 100 \$16.00.
- 82 GRAND MONARQUE. Light blue. Each 20c., doz. \$2.00, 100 \$16.00.
- 83 <u>LADY DERBY.</u> Bright rose pink. Each 20c., doz. \$2.00, 100 \$16.00.
- 84 <u>L'INNOCENCE.</u> Pure white. Each 20c., doz. \$2.00, 100 \$16.00.
- 91 MORENO. Deep pink. Each 20c., doz. \$2.00, 100 \$16.00.

Second Size Hyacinths

This grade of named Hyacinths is the best value offered in Hyacinths. Being of the same age as first size bulbs from which they are the second selection, many varieties will produce spikes nearly as large as the former, so that they are splendid for growing in pans or three in a pot. They will produce much better effects when grown in borders than unnamed Hyacinths, not only that the quality is so much better, but a single variety used for a certain shade of color is far more pleasing than a mixture, while the price difference is only slight.

We only list the varieties most in demand in second size, but shall be pleased to supply this size of any variety desired

SINGLE RED

- 156 LADY DERBY. Bright rose.
- 157 Gertrude. Rosy pink, large truss.
- 158 Gigantea. Rose, large spike.
- 159 MORENO. Bright pink. Extra large.
- 160 Robert Steiger. Deep crimson.
- 165 ROI DES BELGES. Fine deep red.

SINGLE WHITE

- 166 GENERAL VETTER. Blush white.
- 167 Grandeur a Merveille. Blush white, fine.

- 168 LA GRANDESSE. The largest pure white.
- 169 L'INNOCENCE. Pure white, fine flower.
- 170 Madame Van der Hoop. Pure white.

SINGLE BLUE

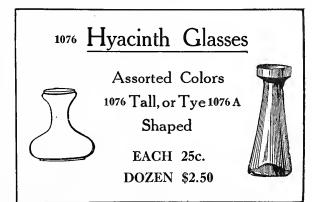
- 175 Grand Lilas. Porcelain lilac, large bells.
- 176 Grand Maitre. Deep porcelain blue.
- 177 King of the Blues. Dark blue, very fine.
- 178 Leonidas. Light blue, fine spike.
- 179 PIENEMAN. Dark porcelain blue.
- 180 POTGIETER. Light blue.
- 185 QUEEN OF THE BLUES. Light blue.

Price: All the above varieties: Each 10c., doz. \$1.00, 100 \$7.50.

Grape Hyacinths

A variety producing flowering spikes about 8 inches high, with small round bells, so arranged as to resemble a bunch of grapes. They are especially suitable for naturalizing; they increase from year to year and require very little attention.

- 186 Blue Grape Hyacinths. Doz. 20c., 100 \$1.25, 1000 \$10.00.
- 187 White Grape Hyacinths. Doz. 25c., 100 \$1.50, 1000 \$12.00.
- variety, producing much larger flower trusses than the ordinary Grape Hyacinth. Doz. 25c., 100 \$1.75.



Try some Hyacinths in Fiber.—See second page of cover and page 1.



(439) Narcissus Bicolor Empress Single Narcissi, or Daffodils

Narcissi, or Daffodils, next to Crocus and Snowdrops, the first flowers to cheer us in early Spring, are perhaps the most satisfactory of all Spring-flowering bulbs. There is no other flower that at all aspires to take their place or even to approach them in their season, for beauty or general utility. They are so cheap and so easily grown, bloom so early and keep fresh so long in water, that no garden, large or small, should be without a little patch of Daffodils. We especially recommend planting them in masses in the border, among shrubs and in the lawn. They are perfectly hardy and will last for years. Most varieties, especially the large Trumpet sorts, are much used for forcing in pots to bloom at Christmas and all through the Winter months. The culture given for Hyacinths applies also to Narcissus.

New Varieties Highly Recommended for Exhibition

428 KING ALFRED. Rich, golden yellow, both perianth and trumpet, immense flower, round, fleshy petals and beautifully fluted trumpet. Holland-grown, extra strong bulbs. Each 40c., doz. \$4.00.

435 OLYMPIA. Very large, golden yellow trumpets, broad, fleshy, perianth, petals of a slightly paler shade. Each 40c., doz. \$4.00.

471 WHITE LADY. A beautiful specimen of the Leedsii type, with Eucharis-like flowers. The cup is pale canary and the blue white perianth has a broad, round,

overlapping shape. Doz. 75c., 100 \$5.50.

430 VAN WAVEREN'S GIANT.
size, the largest of all Trumpets. Primrose perianth, bright yellow trumpet of huge Each 35c., doz. \$3.50.

431 BARRI ALBATROSS. Large, flat, white perianth, small, lemon-yellow cup edged orange red, and very prettily frilled. Doz. 75c., 100 \$5.00.

Large Trumpet Varieties

436 Albicans. Primrose trumpet, white petals. Doz. 40c., 100 \$3.00.

437 ARD RIGH (Irish King). Magnificent golden yellow trumpet, very large. One of the earliest and best for forcing. Doz. 50c., 100 \$3.50, 1000 \$30.00.

439 Bicolor Empress Pure white perianth, with yellow trumpet; extra large. Double Nose Bulbs. Doz. 55c., 100 \$3.50, 1000 \$30.00.

440 Bicolor Grandis. Yellow trumpet, white petals. Doz. 35c., 100 \$3.00.

445 BICOLOR MADAME PLEMP. Pure white perianth, golden-yellow trumpet. Doz. 55c., 100 \$3.50.

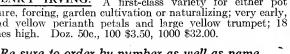
Petals broad and flat, bold yellow 446 Bicolor Victoria trumpet; a variety of great merit edding. Mammoth Bulbs. Doz. both for forcing and bedding. 55c., 100 \$3.50, 1000 \$32.00.

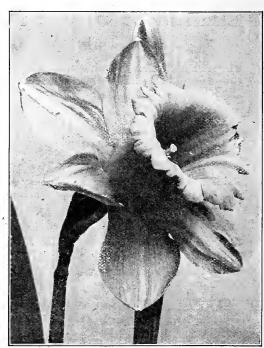
One of the finest Daffodils in cultivation; 447 Emperor entire flower of the richest yellow, trumpet of immense size, and the petals of the perianth are so broad they overlap and measure 3½ inches across; 20 inches high. Mammoth Bulbs. Doz. 55c., 100 \$3.50, 1000 \$30.00.

448 GLORY OF LEIDEN. Full, rich, yellow trumpet, bright yellow perianth, immense flower. Ea. 10c., doz. \$1.00, 100 \$8.00.

Golden yellow flowers. One of the 449 Golden Spur largest; fine forcer. Doz. 55c., 100 \$3.75, 1000 \$35.00.

450 HENRY IRVING. A first-class variety for either pot culture, forcing, garden cultivation or naturalizing; very early, broad yellow perianth petals and large yellow trumpet; 18 inches high. Doz. 50c., 100 \$3.50, 1000 \$32.00.





(428) Narcissus King Alfred

SINGLE NARCISSI. LARGE TRUMPET VARIETIES—Continued

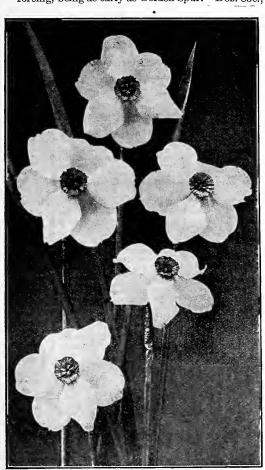
- 455 MME. DE GRAAF. New; one of the largest and finest of all white trumpet Daffodils; perianth pure white; trumpet pale cream, passing to white; a most refined and beautiful flower of graceful carriage; strong grower; 16 inches high. Each 10c., doz. \$1.25, 100 \$8.00.
- 456 PRINCEPS. Primrose perianth, yellow trumpet, good for forcing. Double nosed bulbs. Doz. 35c., 100 \$2.25, 1000 \$20.00.
- 457 TRUMPET MAJOR (Dutch). Large flowers, soft yellow trumpet imbricated; early, distinct, fine for cutting. Doz. 35c., 100 \$2.25, 1000 \$20.00.
- earlier than those grown in Holland, and are therefore of great value for early forcing. They can be had in bloom fully a month ahead of the Dutch-grown stock. The flowers are large, trumpet and perianth deep golden yellow. Doz. 55c., 100 \$3.50, 1000 \$32.00.
- 459 VAN SION. Single. Large yellow trumpet; a fine and distinct form, early and grand for cutting. Doz. 35c., 100 \$2.25, 1000 \$20.00.
- 460 SILVER SPUR (Bicolor). Large, creamy white perianth; long, golden-yellow recurved trumpet. The best bicolor for forcing, being as early as Golden Spur. Doz. 85c., 100 \$6.00.



(446) Narcissus Bicolor Victoria

SHORT TRUMPET VARIETIES ·

- 465 BARRII CONSPICUUS. Large, soft yellow perianth, short cup, edged orange scarlet. One of the brightest varieties for naturalizing and one of the most paying articles for cutting Doz. 30c., 100 \$2.00; 1000 \$18.00.
- bright orange. Often 5 inches across. This, the king of the short-cupped Narcissi, is used more generally and in larger quantities than any other short-cupped variety. As a cut flower it enjoys a great popularity. Mammoth bulbs. Doz. 50c., 100 \$3.25, 1000 \$30.00.
- 467 Incomparabilis Stella. Pure white perianth, with bright yellow crown; very early and easily forced. Doz. 25c., 100 \$1.75, 1000 \$15.00.
- 468 LEEDSII MRS. LANGTRY. A lovely free-blooming Daffodil, which should be largely grown out of doors. The flowers have a broad white perianth, with the cup white or pale primrose; each bulb generally produces several flower stems. Doz. 30c., 100 \$2.00, 1000 \$16.00.
- 469 LEEDSH MINNIE HUME (Queen of England). Large white perianth, cup passing from fine lemon to white; beautiful. Doz. 30c., 100 \$2.00, 1000 \$16.00.
- 470 POETICUS ORNATUS. Perianth pure white, cup yellow, margined scarlet. One of the most popular of all. A very useful cut flower and very free flowering. Splendid for foreing. Double nosed bulbs. Doz. 30c., 100 \$2.00, 1000 \$18.00.
- 471 Poeticus (Pheasant's Eye or Poet's Narcissus). Pure white, with red crown; fragrant; excellent for naturalizing Doz. 25c., 100 \$1.50, 1000 \$12.00.
- 476 POETICUS ALMIRA (King Edward VII). A superior form of Poeticus Ornatus. It forces very early and easily and will take the place of Ornatus as soon as the price becomes cheaper. Doz. 50c., 100 \$3.75, 1000 \$35.00.



(470) Narcissus Poeticus Ornatus

Double Narcissi, or Daffodils

Double Narcissi, or Daffodils, as they are generally called, are one of the favorites of Spring-flowering bulbs. They are perfectly hardy, of easy culture, and can be forced very readily. Their beautiful and graceful appearance and babit are very much admired.

486 Double Van Sion, Yellow (Double Nose). Large golden yellow; undoubtedly the most popular variety grown. The bulbs are double nosed, and will produce two or three flowers; it is one of the earliest for forcing. Doz. 55c., 100 \$4.00, 1000 \$38.00.

487 Double Van Sion Extra Size Bulbs. The double yellow Daffodil; one of the best for forcing. Doz. 45c., 100 \$3.00, 1000 \$28.00.

Our Double Van Sion Narcissi are the true golden yellow and are grown especially for us in the best soil which can be found in Holland. We can recommend them as the best ever sold.

488 Alba plena odorata (The Double White		100	
Poet's Narcissus). Exquisitely scented; fine for forcing	0.30	\$2.00	\$16.00
489 Incomparabilis, fl. pl. (Butter and Eggs). Yellow, very double	.35	2 .50	20.00
490 ORANGE PHOENIX (Eggs and Bacon). Large double white, rich orange-scarlet segments; splendid for pot culture and cutting	.35	2.50	22.00
495 SULPHUR, or SILVER PHOENIX			
(Codlings and Cream). Large creamy white flowers with pale sulphur center; excellent for forcing	25	2.50	24.0Ó



(487) Narcissus Double Van Sion

Polyanthus Narcissi

The Polyanthus Narcissi, or Nosegay Daffodils, produce large heads of sweet scented flowers and are specially adapted for Winter and Spring decoration. Where flowers are in demand from November to January the Paper White and Double Roman Narcissi are of great value for forcing with the Roman Hyacinths.

496 Paper White Grandiflora Beautiful clusters of pure white flowers. Mammoth Bulbs. Doz. 40c., 100 \$3.00, \$28.00.

497 PAPER WHITE GRANDIFLORA MULTIFLORA.

A great improvement on grandiflora; vigorous grower with fine spike which carries large trusses, and in greater abundance than the old variety. Doz. 45c., 100 \$3.25, 100 \$30.00.

498 EARLY DOUBLE ROMAN. White, with orangecolored cup; very fragrant. Doz. 40c., 100 \$3.00.

499 GRAND MONARQUE. White with pale yellow cup; very large flower. Doz. 60c., 100 \$4.00.

Color yellow, with orange cup 500 Soleil d'Or free flowering. Doz. 85c., 100 \$6.00, 1000 \$50.00.

505 Grand Primo. White and citron. Doz. 40c., 100 \$3.00.

506 Lord Canning. Yellow, extra fine. Doz. 75c., 100 \$5.00.

Jonquils

These are charming yellow flowers of the Narcissus order, and are highly prized for their delicious perfume. Doz. 100

508 Single Campernelle. Yellow, large \$2.00

509 Odorus Rugulosus. Deep golden yellow; very fragrant; best for outside...... .30 2.00 510 Single, Sweet Scented. Rich yellow;

.20 1.25 fragrant..... 515 Double, Sweet-Scented. Golden yel-.30 2.50 low; fine.............

516 Chinese Sacred Lily

Flowers white, yellow cups, in bunches of five to six on each stem. An open dish, half filled with pebbles, is the most suitable and convenient way to grow them, although they will succeed admirably in pots. Each 20c., doz. \$2.00.

1080 GLASS BOWLS

For Chinese Lilies, of pretty design, large enough for 3 bulbs. Each 35c., doz. \$3.50. Pebbles, qt. 10c.

BULB FIBER. A splendid substitute for soil. See 2d cover and page 1.

New Narcissus Poetaz Hybrids

A cross between Poeticus Ornatus and the Polyanthus type, producing large clusters of delightfully fragrant flowers like the Polyanthus. The individual flowers, however, are almost as large as the Poeticus, of the same fragrance, and the bulbs are perfectly hardy. A splendid type for forcing or bedding.

478 ELVIRA. Bearing, on long, graceful stems, heads of 3 to 4 large flowers with broad white petals of great substance and a golden yellow cup, edged orange, delicately fragrant. Height 24 inches. Doz. 50c., 100 \$3.50.

479 IRENE. Perianth sulphur yellow, changing to light yellow; cup orange; very fine flower. Doz. 85c., 100 \$6.00.

480 KLONDYKE Perianth yellow; cup deep golden yellow; one of the finest and deepest yellows. Doz. \$2.00.



Narcissus Naturalized

Mixed Narcissi, or Daffodils

For Naturalizing

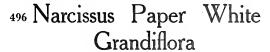
We offer these at exceptionally low prices to encourage liberal plantings. They are very suitable for growing in masses for garden decoration, and are grand for cutting, and are particularly adapted for mixed borders, "naturalizing" in shrubbery by woodland walks, in woods by streams and lakes and semi-wild, outlying grounds. They are perfectly hardy and will flourish and increase.

485 <u>LARGE TRUMPET VARIETIES, FINEST MIXED.</u> Doz. 30c., 100 \$2.00, 1000 \$18.00.

492 MEDIUM TRUMPET VARIETIES, FINEST MIXED. Doz. 25c., 100 \$1.50, 1000 \$14.00.

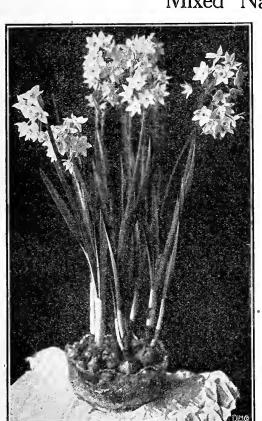
491 DOUBLE VARIETIES, FINEST MIXED. Doz. 30c., 100 \$1.50, 1000 \$18.00.

493 SINGLE AND DOUBLE, ALL KINDS, SPLENDID MIXED. Doz. 25c., 100 \$1.50, 1000 \$12.00.



The popular and well-known forcing variety with beautiful clusters of pure white, fragrant flowers. The bulbs we offer are specially selected and measure 14 ctm. and up. Doz. 40c., 100 \$3.00, 1000 \$28.00.

497 PAPER WHITE GRANDIFLORA MULTIFLORA. Like the above; the flower trusses are somewhat larger. Doz. 45c., 100 \$3.25, 1000 \$30.00.



(496) Narcissus Paper White Grandiflora

W. & D.'s Selected Lily of the Valley Pips

(Ready for Delivery in November)

The Lily of the Valley is one of the most useful and greatly admired plants grown; the modest bell-shaped flowers of purest white are highly prized for cutting purposes, and for flowering in pots in the Winter they are exceedingly well adapted and will last several weeks in beauty. By taking them in at intervals a succession of flowers may be kept up all Winter. For forcing the pips should always be used, being especially selected for that purpose; they are all extra heavy, 3-year-old crowns and every one can be relied upon to produce at least one, and very often two, well-developed flower spikes. Plant in flats or pots (about twelve pips in a 6-in. pot) with all the fibrous roots carefully preserved, and keep the crowns above the soil. Place them in a temperature of about 80 degrees, cover the crowns with loose moss, and keep them constantly moist. They should flower in about five weeks.

502 W. & D.'s Extra Selected Strong Pips, Exhi-

bition Brand
This grade of Lily of the Valley we recommend as the very best. The pips are large and plump with plenty of fibrous roots, giving extra long spikes of bloom with from 12 to 15 large, well-developed bells and strong, healthy foliage. This grade has given excellent satisfaction wherever grown. Doz. 50c., Bundle of 25 \$1.25. 100 \$4.00, 1000 \$38.00.

568 Cold Storage Lily of the Valley Pips

W. & D.'s Extra Selected, Strong Pips

(Can be supplied at any time of the year)

Every Fall we place a large quantity of our famous Exhibition Brand Pips in cold storage, where they are frozen and kept perfectly dormant until wanted for planting. They will bloom in 21 days. Require no forcing and produce perfect foliage.

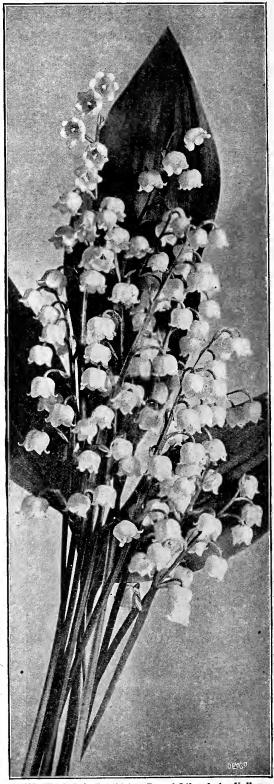
Case 250 pips		\$12.00
Case 500 pips	,	

Orders booked for immediate and future deliveries.

569 Lily of the Valley Clumps

(Ready about 1st_of November)

Are generally used for outdoor planting and should be placed in a shaded locality, where they can be left permanently. They are the most popular of Spring-flowering plants, and are greatly admired on account of their graceful appearance and delicate, bell-shaped, pure white flowers, highly prized for cutting in the early Spring. They are the most charming when grown in large patches, in partially shaded localities around the lawn, near the borders of streams, lakes, etc., being perfectly hardy. Selected Clumps. Each 30c., doz. \$3.00, 100 \$22.00.



(568) W. & D.'s Exhibition Brand Lily of the Valley

Freesias

662 W. & D.'S NEW MULTICOLOR FREESIAS. A splendid mixture of distinct shades of orange, salmon, yellow, bronze, rose and purple. These new Freesias are as fragrant and as easy to grow as Refracta alba. Doz. \$1.00, 100 \$6.00, 1000 \$50.00.

661 EXCELSIOR. A greatly improved strain of Refracta alba, with flowers nearly twice as large as those of the latter. Doz. \$1.00, 100 \$6.00.

 PURITY.
 Magnificent, pure white flowers of large size, borne on long, stiff stems, one truss bearing from 8 to 10 blooms.

 663.
 Jumbo bulbs.
 Doz. 65c., 100 \$5.00, 1000 \$45.00.

 657.
 Mammoth Bulbs.
 Doz. 40c., 100 \$3.00, 1000 \$28.00.

658 Extra Large Bulbs. Doz. 35c., 100 \$2.75, 1000 \$25.00.

 REFRACTA ALBA.
 Pure white, with yellow blotch.

 659 Monster Size Bulbs.
 Doz. 35c., 100 \$2.25, 1000 \$20.00.

 660 Extra Large Bulbs.
 Doz. 25c., 100 \$1.75, 1000 \$15.00.

665 LEICHTLINII MAJOR. Beautiful, golden yellow flowers. First Size Bulbs. Doz. 40c., 100 \$2.75.

Spiræa, or Astilbe

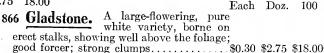
(Ready in November)

Undoubtedly one of the most beautiful and graceful subjects grown for Winter and Spring decoration in the house and conservatory, and highly prized as an Easter plant. They should be potted as soon as received and buried outside until they begin to form roots. They may then be taken in as required. They require an abundance of water.

Each Doz. 100

865 ASTILBOIDES FLORIBUNDA. An improvement on the common Astilboides; large, pure white plumes, bright foliage...

.30 2.75 18.00



872 MONT BLANC. Large plumes of the purest white. Most of the Spiræas of this color now on the market are creamy white, therefore Mont Blanc is undoubtedly the best variety and surely deserves a thorough trial

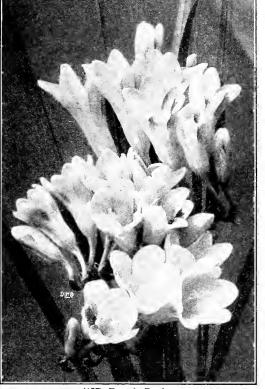
867 PEACH BLOSSOM. New pink, excellent for pot culture...

871 PHILADELPHIA. The color of this variety is rosy purple. The plumes are very large; the stems are thick and long. By its height and habit this variety is extremely well adapted for decorative purposes

sembling Gladstone in habit; a free bloomer, and bears its flowers well above the dark green foliage. When forced it should be shaded as soon as it starts to show color.

875 RUBENS. A lovely, deep carmine rose, much deeper than that of Queen Alexandra. The habit is the same as that of the well-known Gladstone. When forced early the color is just as deep carmine rose as when used in May, and in this respect beats all other pink varieties.

869 WASHINGTON. Pure white, 1½ to 2 feet high; sturdy habit; strong clumps.... .30 2.75 18.00.



(657) Freesia Purity



(866) Spiræa Gladstone

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cel... .30 2.75 18.00

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W. & D.'S SELECTED LILIES FOR FORCING

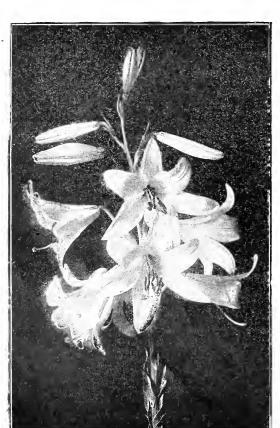
Lilium Harrisii

Bermuda Easter Lily. (Ready Now)

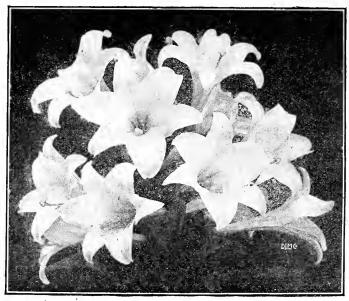
This Lily is at present the favorite variety for both the proficient and the amateur. Flowering at Easter makes its long white tubular flowers of extreme fragrance all the more welcome. For table or church decoration no plant is more useful.

575 Extra Size Bulbs. 7 to 9-inch. Each 30c., doz. \$2.25, 100 \$16.00.

576 Mammoth Size Bulbs. 9 to 11 inch. Each 50c., doz. \$5.25, 100 \$40.00.



Lilium Candidum



Lilium Harrisii

Lilium Longiflorum Formosum

Japanese Easter Lily (Ready Now)

This new type of Easter Lily comes from the Island of Formosa. It is easy to grow and free from disease.

577 First Size Bulbs. 7 to 9-inch. Each 20c., doz. \$2.00, 100 \$15.00.

578 Mammoth Bulbs. 9 to 10-inch. Each 30c., doz. \$3.00, 100 \$20.00.

581 Monster Bulbs. 11 to 13-inch. Each 35c., doz. \$3.75, 100 \$30.00.

579 Extra Monster Bulbs. 12 to 14-inch. Each 40c., doz. \$5.00, 100 \$40.00.

Lilium Longiflorum Giganteum

Dark-stemmed variety, flowers somewhat later than Multi-florum and larger.

587 7 to 9 inches. Each 20c., doz. \$2.00, 100 \$15.00.

588 9 to 10 inches. Each 25c., doz. \$2.75, 100 \$20.00

589 10 to 11 inches. Each 30c., doz. \$3.50, 100 \$25.00.

Lilium Candidum

Annunciation, Madonna or St. Joseph Lily (Ready August 20th)

The well-known Garden Lily; snow white, fragrant blossoms; grows from 3 to 4 ft. high. Blooms in June in the open ground; is also a good forcer for greenhouse work. A shady neok in the garden is made exceedingly bright by its presence. Quite hardy, needing no protection from frost.

592 First Size Bulbs. Each 20c., doz. \$1.75, 100 \$12.00.590 Monster Size Bulbs. Each 25c., doz. \$2.50, 100 \$16.00.

Hardy Lilies for Outside Planting

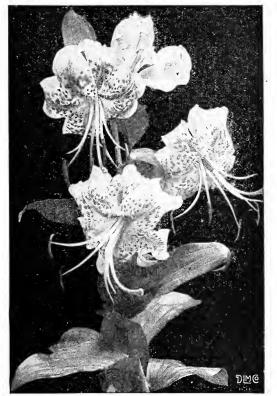
Lilies are matchless among hardy plants for beauty of form and variety of color in the garden. They commence flowering in May, and with the various species maintain a continuous and unbroken succession of bloom until Autumn. No class of plants, capable of being cultivated out of doors, possesses so many charms; their stately habit, rich and varied colored flowers, often deliciously fragrant, and easy culture, render them so distinct from all other hardy plants that no collection, however select, should be without a few of the choicer sorts.

JAPANESE VARIETIES

<u>AURATUM</u> (The Golden Lily of Japan). Delicate white, thickly studded with crimson spots, and a bright gold band through the center of each petal. Large and fragrant.

through the center of each petal. Large an	d fra	grant.	
E	lach	Doz.	100
595 Extra Size Bulbs, 9 to 11 inches\$	0.20	\$2.25	\$16.00
596 Mammoth Size Bulbs, 11 to 13 inches	.35	3.50	25.00
597 Monster Size Bulbs, 13 to 15 inches.	.45	4.25	32.00
598 LILIUM AURATUM PICTUM.			_
very choice type of Lilium auratum; pure; white, with red and yellow bands through each petal. Large bulbs	.35	3.25	25.00
599 LILIUM AURATUM PLATYPHYL-			
LUM. A very strong and vigorous type of Lilium auratum. Flowers of immense size, pure ivory white, with a deep golden band through each petal. Mammoth bulbs 600 LILIUM AURATUM RUBRUM VITTA-	.35	3.25	25.00
TUM. A unique variety; flowers 10 to 12 inches across, ivory white, with broad crimson stripe through center of each petal. Large bulbs.	.65	6.25	47.50
605 LILIUM AURATUM WITTEL. A Lily of magnificent proportions; immense flowers; very tall and free blooming; color creamy			,
	an.	6 00	45.00

white, with gold band. Large bulbs



Lilium speciosum Rubrum

606.9 to 11-ir

600

DIMO

.60 6.00 45.00

Lilium Auratum

Lilium speciosum album

Pure white; a grand variety.

	Each	Doz.	100
606 9 to 11-inch bulbs	0.30	\$3.00	\$23.00

Lilium speciosum Melpomene

Very rich crimson. -

	Each	Doz.	100
607 9 to 11-inch bulbs	\$0.25	\$2.50	\$20.00
608 11 to 13-inch bulbs	.35	3.50	25.00

Lilium speciosum Rubrum

White ground, spotted rose on each petal; very handsome.

		Each	Doz.	100
609	9 to 11-inch bulbs	\$0.25	\$2.25	\$18.00
610	11 to 13-inch bulbs	.35	3.50	25.00

Hardy Lilies continued on page 24

HARDY LILIES—Continued



(615) Liliam Henryi

615 Lilium Henryi

A splendid Lily from the mountains of China, with a strong and vigorous constitution, throwing up immense panicles of flowers similar in form to the Speciosums, but the color is a deep orange yellow, banded with green.

Very easy of culture and sure to delight everyone. Slight protection in Winter is a good thing in the North.

The bulbs we offer are strong, healthy stock, well grown, true to name.

Each 60c., doz. \$6.00, 100 \$45.00.

L			
616 PATEMANNIA	Each	Doz.	100
616 BATEMANNIA. Three to four feet high with 5 to 10 flowers of			
reddish-orange color. Blooms in July or August		\$2.00	\$15.00
white, exterior rosy purple. (Scarce.)	.40	4.00	30.00
618 KRAMERI. Pure blush pink, fragrant and beautiful trumpet-			
shaped flowers	.20	2.00	15.00
619 TIGRINUM (Tiger Lily). Orange salmon; 3 ft. high	.15	1.25	9.00
620 TIGRINUM FLORE PLENA			
(New Double Tiger Lily)	.15	1.25	9.00

inizition in a polici pini	,		
·	Each	Doz.	100
625 Canadense. Lovely nodding blossoms, bell shaped; yellow,			
blossoms, bell shaped; yellow,			
. spotted black	0.15	\$1.50	\$10.00
626 CANDIDUM. Snow-white Gar-			
den Lily	.25	2.50	16.00
den Lily 627 Elegans. Fine mixed colors	.10	1.00	7.00
628 Elegans bicolor. Bright red			
flushed; very showy and	15	1 50	10.00
large	.15	1.50	10.00
Chief. Bright flame color	.20	1.75	12.00
631 Elegans robusta. Mag-	.15	1.50	
nificent large flowers;	.10	1.00	10.00
orange, spotted black	.15	1.50 -	10.00
630 Elegans Aurora. Deep			
rich orange, suffused scar-			
let	.25	2.25	16.00
635 Elegans Leonard Joerg. Rich	.15	1.50	10.00
apricot spotted; very fine	.13	1.50	10.00
637 HANSONI. A beautiful Lily,			
flowering in June. Flowers rich			
golden yellow; one of the prettiest Lilies in cultivation. (Scarce)	.50	5.00	35.00
	.50	3.00	33.00
638 Pardalinum (Leopard Lily). Rich scarlet and yellow flowers, spotted with rich brown. Robust			
enotted with righ brown Robust			
and free flowers	.20	2.00	15.00
639 Superbum. Three to six feet			-0.00
high, flowers from five to forty;			
nodding, brilliant orange red.			
Blooms in July	.20	2.00	15.00
640 Tenuifolium (Coral Lily of			
Siberia). Brilliant scarlet flowers;			
very early	.20	2.00	$15.00 \cdot$
645 Wallacei. Clear buff flower,			
spotted with black	.20	2.00	15.00
646 Washingtonianum. Very fra-			
grant flowers, pure white, tinted			
purple	.40 -	4.00	

AMERICAN AND EUROPEAN VARIETIES

Calla, or Lily of the Nile

Easily cultivated in pots, requiring only rich soil and plenty of water.

We offer dry bulbs for forcing and Winter flowering purposes. Dry bulbs planted in 4-inch pots will give better results than plants in 6-inch pots that have been kept growing.

White Calla, or Lily of the Nile size, each 40c., doz. \$4.00, 100 \$32.00; extra large, each 25c., doz. \$2.50, 100 \$20.00.

dwarf habit, this variety blooms much more freely than the ordinary White Calla, the flowers are just as large, of the purest white and are produced continuously. Dormant bulbs. Each 30c., doz. \$3.00.

655 Elliottiana Finest Yellow Calla. Blooms 4 to 5 inches across at mouth, of deep golden 'color. Leaves spotted white. Each 45c., doz. \$4.50.

656 Black Calla (Arum sanctum). Each 25c., doz. \$2.50.

IRIS Iris Hispanica (Spanish Iris)

The Spanish Irises flower two weeks before the English and differ from them considerably, the colors of the flowers being showier and more varied. The curious and charming blendings of shades in the same flower give them the appearance of many of our rare Orchids. For vases and, bouquets the cut flowers are greatly prized as they last long when cut and the buds open well in water. Excellent for forcing.

	Doz.	100	1000
800 Alexander von Humboldt. Clear blue	80.25	1.25	\$10.00
799 Beauty Porcelain blue; excellent	.30	1.75	12.00
805 BELLE CHINOISE. Yellow, self color	.25	1.25	10.00
806 Blanche Superb. Pure white	.25	1.25	10.00
807 BRITISH QUEEN. Large; pure white; extra	.30	1.75	12.00
808 CAJANUS. Beautiful, deep golden yellow	.30	1.75	12.00
809 Chrysolora. Bright yellow, very fine	.25	1.25	10.00
810 DARLING. Bright blue	.25	-1.25	10.00
815 Excelsior Light blue; the latest of all Spanish Iris varieties 817 La Reconnaissance. Beautiful olive	.30 .30	1.75 1.75	12.00 12.00
818 LOUISE. Fine, pale blue; slightly spotted S19 THUNDERBOLT (Gold Cup.) Large	.25	* 1.25	10.00
velvety bronze	.55	4.00	35.00
820 Unique Light blue, upper part of the flower dark blue, lips pure			
white; very distinct	.25	1.25	10.00
825 Choice Mixed Varieties	.15	.75	5.00



Dutch Iris

Dutch Iris

Resembles the Spanish, but their whole growth is much more vigorous. The flowers are large and conspicuously blotched. Dutch Iris have a great future for the garden and as a cut flower. The greatest value is their extreme earliness; they bloom immediately after the Darwin Tulips

are gone. Hardy.	Doz .	100	$\operatorname{Doz}_{\bullet}$	100
841 ALBERT CUYP. Standards pur	re white.		862 HOBBEMA. Large flowers, white, in-	100
falls lemon yellow; large, orang	e-vellow		side faintly tinged blue; falls large, palest	
central blotch		\$6.50	yellow, orange blotch\$0.75	\$5.50
847 ANTON MAUVE. Very large	and sub-		855 I TOOROP THE	ΨΟΙΟΟ
stantial flower, of a most pleasing	tone of		855 J. TOOROP. Falls and standards rich	0.50
uniform soft blue		4.50	purple blue	6.50
843 BLOMMERS. Light lemon yel	llow line:	2100	863 J. WEISSENBRUCH. Uniform pale	
standards soft lilac blue	now nps,	5.50	mauve	4.50
848 RRITET Described 1.1		5.50	856 MUNTHE. Brilliant purple blue 1.00	6.50
848 BRIJET. Porcelain blue, with	grayısı	~ ~~	846 REMBRANDT. One of the best and	
lilac		5.50	showiest varieties; of a magnificent deep	
844 C. VAN DE WINDT. Stands	ards and		blue, with large, orange-yellow central	
falls pure white, central blotch clea	ar yellow 1.25	9.50	hlotch 75	5.50
849 DAVID TENIERS. Pale laven	der, falls		864 ROLAND HOLST. Lilac, with pale	3.33
citron vellow: tall grower		4.50	yellow lips	4.50
861 DERKINDEREN. Dark purp	le blue.		857 T. H. DeBOCK. Falls olive yellow,	4.00
with vellow lips	75	5.50		4.50
842 HART NIEBRIG. Brilliant, el	ear blue		standard purple blue	4.00
the finest of the Irises	1.50	10.00	Soft blue. Falls	~
850 HARTZ. Lips gravish lilac, fla	drad red	10.00	pale yellow, with large, deep yellow central	0.50
low; standards purple blue	ikeu yei-	5 50	blotch	6.50
iow, standards purple brue		5.50		4.25
	FOR OT	HER IF	RIS, see page 26	

Iris Anglica (English Iris)

 These follow the Spanish Iris in blooming, the flowers being larger. They are perfectly hardy out of doors, and are of great value for forcing.
 Doz.
 100

 827
 ARGUS. Pink and white.
 \$0.40
 \$3.00

 829
 MONT BLANC. Large, pure white flowers; excellent for cutting.
 .50
 3.50

 830
 OTHELLO. Magenta purple; very fine
 .55
 4.00

 835
 THACKERAY. Rich claret color
 .55
 4.00

 836
 SUPERFINE MIXED, All colors
 .25
 1.75

Various Irises	Each	Doz
	230022	202.
837 Germanica (German Iris). Mixed colors		\$2.00
838 Kæmpferi (Japanese Iris). Named Varieties large clumps	; .25	2.50
839 Morea Pavonia (Peacock). Pure white, with	ì	
blue spots	.05	.50
840 Reticulata. Violet blue, spotted white, yellow and black		2.00
845 Susiana Major (Chalcedonian Iris). Blush tinted brown, dark lines		3.00



English Iris

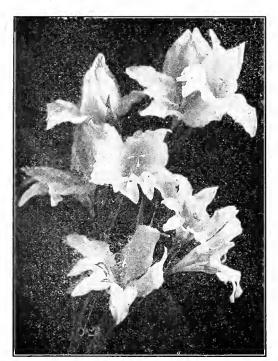
GLADIOLI

Early Flowering Varieties for Forcing

This class of Gladioli belongs to the most useful of all. They can be easily forced by the end of March and come in very useful when other flowers are gone. Their graceful spikes and delicate colors make them very valuable for cut flowers. There are many varieties, of which we only offer those we consider to be the best.

675 Ackermanni. Salmon, shaded orange. Doz. 25c., 100 \$1.50.
677 BLUSHING BRIDE. (Delicatissima). Rosy white, with carmine blotch. Extra large bulbs. Doz. 25, 100

\$1.50, 1000 \$12.00.



Gladioli, Early Flowering

- 671 CH. MAC INTOSH. Deep, brilliant scarlet, with purplish blotch. Most beautiful. Doz. 30c., 100 \$2.00, 1000 \$18.00.
- 678 FIERY KNIGHT. Dark scarlet, flaked violet carmine; beautiful. Doz. 40c., 100 \$3.00.
- 679 Peach Blossom Most delicate pink. The name indicates its lovely color plainly. There hardly is a more beautiful cut flower. Doz. 25c., 100 \$1.50, 1000 \$12.00.
- **680** THE BRIDE (Colvillei alba.) White. Doz. 25c., 100 \$1.25, 1000 \$10.00.
- 682 QUEEN WILHELMINA. White, with pink margin. A very beautiful variety. Doz. 45c., 100 \$3.25, 1000 \$30.00.

Large Flowering Varieties For Forcing

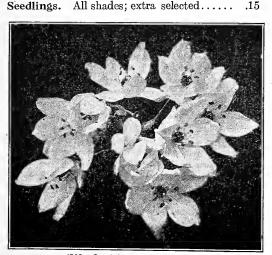
- 685 AMERICA. The most popular pink Gladiolus; erect spikes from 2 to 3 feet long, with a great number of large, spreading blossoms of an exquisite soft lavender pink; very beautiful. Mammoth bulbs, 6 to 7 inches in circumference. Each 5c., doz. 50c., 100 \$3.50, 1000 \$30.00.
- 778 Halley. Delicate salmon pink, with creamy white blotches on lower petals and a stripe of bright red through the center. Each 10c., doz. 60c., 100 \$4.00.
- 690 MRS. FRANCIS KING. Beautiful vermilion-scarlet flowers, measuring from 4 to 4½ inches across; fine long spikes; forces well. Each 10c., doz. 60c., 100 \$4.00, 1000 \$35.00.
- 687 PRINCEPS. Glowing crimson, with broad, white blotches on lower petals. The flowers of this Gladiolus are remarkable for size and brilliancy of color, a single bloom having the appearance of a good-sized Amaryllis. Extra large bulbs. Each 10c., doz. 60c., 100 \$4.00, 1000 \$35.00.

Montbretias

The Montbretias are one of the brightest of our Summer flowering bulbs, and deserve to be planted extensively. The bulbs should be set out during April or May, 3 to 6 inches apart, in clumps of a dozen or more. They should be protected during the Winter with a heavy covering of leaves or litter.

GIANT-FLOWERING VARIETIES

	Doz.	100
very recommendable; extra fine	v, .\$0.15	\$1.50
780 ETOILE DE FEU (Star of Fire). Bright ve milion, center yellow, outside blood red	r- 30	2.50
785 FIRE KING. Splendid glowing scarlet redecidedly one of the most beautiful	d; 30	2.00
786 G. DAVISON. A splendid Montbretia TI stems are from three to four feet high, very brancing, bearing lovely pale orange-yellow flower widely expanded.	n- s,	3.00
788 KOH-I-NOOR. Rich pure orange on aprice base, broad petals, well shaped and open quit flat; strong, free-flowering variety	e	3.00
STANDARD VARIETIES		
4	Doz.	100
789 Crocosmiæflora. Scarlet and yellow	.\$0.15	\$1.00
790 Golden Sheaf (Gerbe d'Or). Pure golde yellow	.20	1.50
795 Pottsei grandiflora (Superba). Inside Doz	. 100	



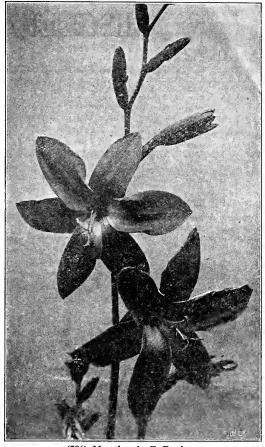
golden, outside bright red \$0.20

796 Rayon d'Or (Sunbeam). Light yellow, spotted brown, large flowers

797 Rosea. Bright salmon rose; distinct....

798 Soleil Couchant. Brilliant, golden yel-

(802) Ornithogalum Arabicum



(786) Montbretia G. Davison

801 NERINE Fothergilli Major. Brilliant scarlet; the most beautiful. Each \$1.00, doz. \$10.00

802 ORNITHOGALUM Arabicum (Star of Bethlehem). Large, pure white flowers, with black center, borne in clusters on stalks from 15 to 18 inches high; hardy and suitable for the open border. Doz. 40c., 100 \$2.50.

Oxalis

(Ready in September)

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the Autumn and Winter months; they are especially desirable for planting in hanging baskets.

- I re- J desired to premeing in manging sessions	
1048 Alba. White\$0.30	\$2.00
1049 Bermuda Buttercup. Yellow	2.50
1050 Bowiei. Crimson	2.00
1055 Hirta rosea. Rose	2.00
1056 Versicolor. Crimson and white	1.75
1057 Mixed	1.25

804 NEW GIANT MONTBRETIA "STAR OF THE EAST"

Extremely beautiful; flowers 4½ inches in diameter; blood orange with primrose throat.

Each \$2.00

\$1.50

1.50

1.50

1.50

1.00

.20

MISCELLANEOUS BULBS

AMARYLLIS

888 W. & D.'S GOLD MEDAL SEEDLING HYBRIDS. An unexcelled strain for exhibition. We offer strong bulbs, sure to bloom, raised from the finest Gold Medal strain of Amaryllis in Great Britain, unsurpassed for richness of color and size of bloom. The bulbs are imported directly from the raiser, and we would solicit early orders. Strong bulbs. Each \$1.75, doz. \$20.00.

896 AULICA (Lily of the Palace). Crimson, shaded with

green. Each 50c

889 BELLADONNA MAJOR. Dark rose and white. Each 20c., doz. \$2.00.

890 JOHNSONII. Crimson, striped with white. Each 35c., doz. \$3.50.

898 ACHIMENES

Splendid and profuse Summer-blooming plants for conservatory or window decoration.

Named Sorts. Each 20c., doz. \$2.00. All Colors Mixed. Each 15c., doz. \$1.50.

ACONITE

899 WINTER. One of the earliest of Spring flowers, the golden color forming a charming picture against the dark green leaves. Doz. 15c., 100 \$1.00.

ALLIUM

900 NEAPOLITANUM. A splendid variety for Winter flowering; pure white flowers, with green stamens, borne in large umbels; very easily forced, and good for cut flowers. Doz. 25c., 100 \$1.50.

ANEMONE (Windflower)

905 CORONARIA, GIANT FRENCH. Single Mixed. Doz. 20c., 100 \$1.50.

906 CORONARIA. Choice Double Mixed. Doz. 30c.,

907 CORONARIA ST. BRIGID (Irish Strain). semi-double flowers. Colors from maroon and brightest scarlet to flesh pink and from lilac to purple. Doz. 30c., 100 \$2.00.



Ixias

CHIONODOXA (Glory of the Snow)

995 Luciliæ. One of the most charming of Spring-flowering bulbs, producing spikes of lovely azure-blue flowers, with pure white centers; it is easily cultivated and perfectly hardy. Doz. 25c., 100 \$1.75, 1000 \$15.00.

996 Gigantea. Unusually large flowers, soft lavender. Doz. 30c., 100 \$2.00, 1000 \$18.00.

1000 CROWN IMPERIALS

Stately growing plants for outdoor culture, with dark green foliage and flowers of various shades of yellow and crimson. Mixed colors. Each 20c., doz. \$2.00, 100 \$15.00.

CYCLAMEN

These are among the most beautiful and interesting Winter and Spring-flowering bulbs for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental; consequently they are very decorative even when not in bloom. There are no plants better adapted for pot culture, and few that produce such a profusion of bloom.

1005 GIGANTEUM MONT BLANC. Pure white. Each 20c., doz. \$2.00.

1006 GIGANTEUM ALBA MACULATA. White, with rosy

eye. Each 20c., doz. \$2.00. 1008 GIGANTEUM ROSEUM. Beautiful rose color. Each 20c., doz. \$2.00

1007 GIGANTEUM RUBRUM. Deep red. Each 20c., doz.

1009 GIGANTEUM MIXED. Each 15c., doz. \$1.50.

DIELYTRA SPECTABILIS(Bleeding Heart)

(Ready in November)

A tuberous-rooted Spring-flowering plant, producing long, drooping racemes of delicate white and pink heart-shaped flowers.

1010 Large Clumps. Each 25c., doz. \$2.50, 100 \$18.00.

HELLEBORUS

1028 NIGER (The Christmas Rose). One of the most useful of Winter-blooming plants; hardy, readily forced; flowers pure white. Each 50c., doz. \$5.00.

LEUCOJUM

1042 VERNUM (Spring Snowflake). Early-blooming plant, resembling the Snowdrop, but of taller growth; pure white flowers. Doz. 30c., 100 \$2.00.

GIANT IXIAS

Handsome class of Cape Bulbs with brilliantly colored flowers on long, slender, graceful stalks. Ixias are now much used for forcing and do well in either soil or fiber. Plant from 6 to 8 bulbs in a 6-inch pot or bowl, covering them about 1 inch. The varieties below are the largest and finest in com-

merce.	Doz.	100
1038 Alba. White	. \$0.30	\$2.25
1030 Azurea. Azure blue, maroon eyc	30	2.25
1031 Conqueror. Red, shaded yellow	25	1.50
1041 Crateroides Major. True, bright scarlet	;	
forces well: the earliest of all. We hold a very	y	
fine and true stock of this excellent variety	.30	2.25
1032 Emperor of China. Rich yellow, black	ĸ	
center	30	2.25
1035 Excelsior. Bronzy scarlet, black eye	30	2,00
1036 King of the Yellows. Yellow, dark	C.	
purple eye	30	2.25
1033 Lady of the Lake. Magenta, dark eye.	.30	2.00
1037 Morning Star. Beautiful carmine rose.	30	2.00
1034 Smiling Mary. Beautiful cherry red	. 1.00	
1041 Wonder (Rosa Plena). Double rose	25	1.50
1042 Mixed. all colors		1.00

CROCUS. Hybrid Named

The Crocus is one of the first flowers of Spring. For garden culture plant bulbs two inches deep and two or three inches apart. They are so cheap and pretty they ought to be found in every garden in abundance. They bloom splendidly when planted on the lawn among the grass. The sorts we offer are especially strong and fine.

New Varieties

Greatly improved sorts with flowers nearly twice as large as those of the regular hybrid named sorts.

520 Kathleen Parlow Purest white, large orange anthers, fine substance; extra. Doz. 30., 100 \$1.75, 1000 \$16.00.

White ground, fine light lilac stripes; fine orange anthers; extra large flower. Doz. 25c., 100 \$1.50, 1000 \$14.00.

White outside, with purple base and pale mauve 536 Scipio stripes inside, orange anthers; extra fine. Doz. 25c., 100 \$1.25, 1000 \$14.00.

General List of FIRST SIZE Named Sorts

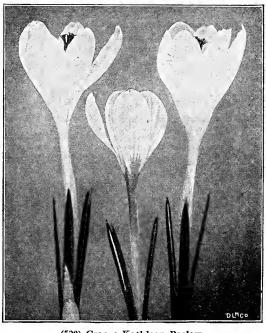
	1000
517 Cloth of Gold. Golden yellow, striped	
bronze\$0.15 \$1.00	\$8.00
518 Cloth of Silver. Silvery white, striped	
lilac	10.00
519 David Rizzio. Dark purple	10.00
525 Mont Blanc. Large, pure white20 1.25	10.00
526 Madame Mina. Light lilac striped15 1.00	8.00
527 NON PLUS ULTRA. Purple, white top .20 1.25	10.00
529 Prince Albert. Bright purple	9.00
530 PURPUREA GRANDIFLORA. Doz. 100 1000	
Dark purple, extra large\$0.30 \$2.00 \$18.00	
535 QUEEN (KING) OF THE	
WHITES. Large pure white, very	547
floriferous, extra white Crocus25 1.50 10.00	548
	549
537 SIR WALTER SCOTT. White	550
striped lilac	
538 Yellow Prince. Large golden	555
yellow	556
•	557

Autumn-Flowering Crocus

Will bloom outdoors between September and March, with no protection whatever. Bulbs arrive about August 1st and should be planted during that month or the first part of September. Each Doz.

545 SPECIOSUS. Rich bluish purple, suffused with darker purple veins	\$0.25	\$1.50
546 ZONATUS. Bright lilac flowers		1.50
with gold base	.25	1.50
540 SATIVUS. Beautiful light blue, long narrow flowers in clusters of	•	
three	.30	1.75
539 COLCHICUM AUTUMNALE		

MAJOR: Monster size bulbs, 9-**11 in.** Many shades mixed.....\$0.20 1.75 12.00



(520) Crocus Kathleen Parlow

Mixed Crocus

		Doz.	100	1000
547	Blue and purple. Mixed	.\$0.15	\$0.90	\$7.00
548	Striped and Variegated	15	.75	6.00
549	White. Mixed	15	.90	7.00
550	Mammoth Yellow. I size	25	1.50	13.00
555	Mammoth Yellow. II size	20	1.25	10.00
556	Large Yellow	15	.90	7.00
557	Mixed. All colors	10	.60•	5.50

Snowdrops

(Galanthus Nivalis)

These beautiful little snow-white flowers, the earliest of all Spring-flowering bulbs, are most suitable for planting in margins of beds or borders, and on lawns.

	100	z.	100	1000
885	Single Flowering\$0.5	25 \$	\$1.25	\$14.00
886	Double Flowering	30	2.00	18.00

Giant Snowdrops

(Galanthus Elwesii)

887 This gigantic Snowdrop is at least three times the size of the ordinary sort. Doz. 25c., 100 \$1.75, 1000 \$14.00.

BULB FIBER. A splendid substitute for soil. See second page of cover and page 1.

MISCELLANEOUS BULBS-Continued

SCILLA

Scillas, especially the Campanula varieties, are splendid for naturalizing, because they will flower in shady places where almost any other flower will die. As their cost is very reasonable, they are one of the most useful flowers for the landscape architect, gardener or amateur. They have bells like small Hyacinths, forming long and graceful spikes.

	De	oz. 100
876 Campanulata Alba Ma	jor. Pure white\$0	.25 \$1.50
877 Campanulata Cœrulea	. Blue	.25 1.50
878 Campanulata Rosea.	Delicate rose	.25 1.50
879 Sibirica. Sky blue; bear	utiful	.25 1.50
880 Sibirica Alba. White		.25 1.50

SAUROMATUM GUTTATUM

1060 Guttatum (Monarch of the East). A remarkable flower, attracting immediate attention. The only treatment required is to simply place the large bulb on a table or shelf in a warm room or greenhouse, and within a few weeks a curiously formed flower from 16 to 18 inches long develops. Extra large bulbs. Each 25c., doz. \$2.50.

WATSONIA ARDERNEI (O'Brieni)

1070 ARDERNEI (O'Brieni). Highly recommendable for forcing. Bulbs ready October to November. A splendid bulbous plant of rare beauty and especially valuable for cutting; produces its pure white, tube-shaped flowers in great abundance on long, stiff stems. The flowers somewhat resemble those of the Freesia but are much larger and longer. When forced the spikes often attain a height of 4 to 4½ feet, forming a straight center spike from which 3 to 4 lateral shoots branch off, all of which grow up erect and are thickly covered with flowers of the purest white. A vase of Watsonias is a rare attraction. Bulbs can be grown in pots or benches, but should be forced slowly, otherwise treat the same as Gladioli. For outdoor planting a sunny place, protected from the north and west winds, should be selected. Strong selected bulbs. Doz. \$1.75, 100 \$12.00.

HERBACEOUS PEONIES

Are one of our specialties. The roots we send out are strong, field-grown clumps, true to name and if planted from September 15 to November 1, will bloom the following Spring. If interested, write for Peony Catalogue, which we will be glad to mail.

Pkt. \$0.50 .50 .50 .1.00 .30 .50 .30 .50 .30 .50

1.00

1.00

Flower Seeds for Frames and Greenhouses Winter-Flowering Christmas Sweet Peas

These usually bloom in about twelve weeks from the time the seed is planted, and are mostly used for forcing. Started under glass during September they begin flowering at Thanksgiving, and are in full bloom by Christmas.

NOVELTIES AND VARIETIES OF RECENT INTRODUCTION

-	
Pkt.	
Black Lady. Dark maroon of the largest size\$1.00	
Bridal Veil. Frilled; pure white; very large	
Britannia. Scarlet crimson; very early 1.00	creamy white wings
Concord Blue	Lavender Orchid. Clear lavender
Concord Crimson The popular	
Concord Lavender The popular Australian	Mrs. A. A. Skaach. Clear pink
Concord Pink varieties	Mrs. Jos. Manda. Delicate pink; double
Concord Salmon50	
Concord White50	Orchid Beauty. Dark rose pink, with orange blush
Early Enchantress. Bright rose pink	Red Orchid. Red; very fine shape; large and free
Early Heatherbell. Mauve-lavender Spencer	bloomer Rose Queen. Splendid pink
Early King. Rich, bright crimson; large	Venus. White ground, beautifully edged with blush
Early Loveliness. White, suffused with rose pink 50	pink
Early Melody. Rose pink on white. Spencer50	White Orchid. Pure white; extra fine
Paris	TARRAWA. Bright rose pink; wings light pink, ex-
Dilgit of ange rose. Species	
Early Sankey. Splendid white. Awarded Silver medal, New York 1916	Zvolanek's Blue. One of the finest bright blues; very large, wavy flowers, usually blooming one week earlier
2011, 2011,	than any orchid Sweet Peas
Early Snowflake. White Spencer	Zvolanek's Red. Very large; long stems; brightest
Early Songbird. Delicate blush pink on white.	dark red with orange shine. It can be described as
Spencer	a very large King Edward Spencer, but more fiery

WINTER-FLOWERING GRANDIFLORA VARIETIES

Pkt. Oz.			
Christmas Pink\$0.10 \$0.30	\$1.00	Meteor. Scarlet\$0.10 \$0.3	0 \$1.00
Christmas White	1.00	Mrs. Alex Wallace. Lavender	0 1.00
Christmas white	1.00	Mrs. C. H. Totty. Sky Blue	0 - 1.00
Le Marquis. Navy blue	1.00	Snowbird. White, very early	0 1.00

FLOWER SEEDS FOR	FRAMES	AND GREENHOUSES—Continued
ANTIRRHINUM (Snapdragon)	•	CYCLAMEN—Continued Pkt. seeds
Perennial (3 feet). The Antirrhinum now rivals	the Sweet	Lilac. Beautiful lilac rose
Pea in popularity, and is grown extensively under glas for bedding out. The tall, graceful spikes are expensively under glassifications.		Peach Blossom. Delicate pink
vases and general decorative purposes. Planted in	beds, bor-	Rosy Morn. Delicate rose
ders, or among shrubbery, they present a most stril IMPROVED GIANT-FLOWERING TALL VAI		Choice Mixed
The varieties offered below are the best and most	improved	MYOSOTIS (Forget-Me-Not) Pkt.
of the largest-flowering sorts. The blooms are double of the older kinds.	ole the size	Victoria. Sky blue \$0.15
SILVER-PINK. A new color of great merit. G house-grown seed. A striking and lovely varie		Sutton's Royal Blue. Deep Blue
soft, silvery pink, the most pleasing and effective	color	PANSY (Heartsease)
yet introduced. The seed we offer is saved from fully selected spikes grown under glass		W. & D.'S AMERICAN SHOW PANSIES
NELROSE. New. Rich coral pink, large flowers	s. A	Awarded First Prize at the New York International
splendid sort for the greenhouse		Flower Show, 1914, 1915 and 1916.
yellow center, white throat, very large and a	very	W. & D.'S AMERICAN SHOW PANSIES are the world's best in size, form and coloring, and by far the largest of all
strong grower. FELTHAM BEAUTY. The largest flowering Antin	50 rrhin-	giant-flowering strains. The plants are full of vigor, the
um yet produced. Of deep rose pink with white co	enter,	blooms immense, perfect in form, handsomely marked and of great substance. Pkt. 50c., ½ oz. \$2.25, ½ oz. \$4.00.
it is very free flowering and of a robust growing ha ORANGE BEAUTY. A very large flower of or		PANSIES IN MIXTURES
scarlet hue with gold lip		Triumph of the Giants. Exceptionally large, beautifully frilled and waved flowers. Finest mixed Pkt.
Giant Coral-Red. Fine color	\$0.50 .15	Parisian Giants. Mixed. ½ 0z. \$3.00.\$0.25 1/8 0z. 75c. .20
Giant Fairy Queen. Orange salmon, white throat		Parisian Giants. Mixed
Giant Pure White	.50 .15	Bugnot's Exhibition. Extremely large, three-blotched
Giant Queen Victoria. Very large; pure white		flowers, upper petals finely lined
Giant Scarlet	.50 .15	Madame Perret. Shades of red. .25 English Show. Finest Mixed. ½ oz. 50c. .10
Giant Striped	$.50 ext{ .}15 \\ .75 ext{ .}20$	Fine Mixed. All colors
Giant Yellow. Giant Rose Dore. New. Salmon rose, shaded gold.	.50 .15	GIANT TRIMARDEAU PANSIES Pkt. 1/4 oz. Giant Adonis. Light blue
Giant Mixed	.15	Dark Blue. Black blue
Collection of the above 12 Giant Varieties,		Bridesmaid. Rosy white, beautifully blotched 25 2.00 Emperor William. Cornflower blue 15 1.25
BEGONIA HYBRIDA (Tuberous	Rooted)	Golden Queen. Pure yellow
W. & D.'S GIANT INTERNATIONAL PR SINGLE MIXED	50	Hortensia-Red. Fine
New Crested or Bearded. Choice mixed	50	lavender and white
W. & D.'s Extra Choice, Double Mixed CALCEOLARIA	75	Prince Bismarck. Light brown, black eye
Hybrida, W. & D.'s Selected Strain½ pkt	60a 1.00	Vulcan. Dark red, with five large, black
CANDYTUFT	. 000. 1.00	Finest Mixed Oz. \$3.00 .10 1.00
Empress. White	60c10	Collection, containing one pkt. of each of the above 10 varieties, \$1.25
Empress. White	\$1.50 .10	THE NEW WINTER-BLOOMING GIANT PANSIES
CELOSIA		"WORLD-RECORD"
Pride of Castle Gould. A splendid strain of Feat Celosias for pots	hered	These new Pansies may be announced as an introduction of great importance. Sown at the same time as other Pansies,
CINICDADIA	-	they begin to flower fully six weeks earlier; the cardinal feature of these plants, however, is their extreme hardiness, which
Hybrida Grandiflora. W. & D.'s Extra select\$	g pkt. 80.60 1.00	enables them to stand our severest Winters and to bloom right
Large-flowering, choicest mixed	75	into the Summer. Plants set out in beds in the Autumn will begin to flower outside in March about the time the Crocuses
Hybrida Grandiflora Stellata Large-flowered White. Pure and very large		break through the ground. Moreover, the blooms are of the
Dark Blue. Very rich color	75	finest form and attain to a size and brilliancy of coloring such as we meet with only in the foremost productions of Giant
Azure Blue Pink. A beautiful shade of old rose pink		Pansies of the day. A special feature is also the delicate
Deep Scarlet		Pansy perfume being developed in a marked degree. Excellent for Winter forcing.
CLARKIA		EARLY-FLOWERING GIANT PANSIES, "WORLD-
W. & D.'s Prize Varieties for pot culture. Scarlet Beauty. Salmon scarlet; double	15	RECORD" Pkt. Winter Sun. Splendid bright, golden yellow, with dark
Firefly. Crimson scarlet; double	15	center\$0.25
Chamois Queen. Pale chamois, double Salmon Queen. Salmon pink, double		Ice King. Beautiful, silvery white, with black-blue center
CYCLAMEN		Celestial Queen. Lovely sky blue, with very little
	kt. seeds	center marking
White Perfection. Pure white\$0		flowering
		ONITTE "MATCHIEC"
		/ N.

W. & D.'s FORCING MIGNONETTE, "MATCHLESS" A highly perfected and unequaled strain of Mignonette for greenhouse forcing; of robust and vigorous growth, producing immense, well-formed spikes of deliciously fragrant flowers. When we say unequaled, we mean that there is no strain, no matter by whom offered, that can compare with our "Matchless" in perfection, length and thickness of its spikes and general health and vigor of the plants. Pkt., eontaining 150 seeds, \$1.00.

FLOWER SEEDS FOR FRAMES				
PRIMULA (Greenhouse Plant)	Retusus trimaculatus. Rosy crimson, yellow lip; very large flowers. Splendid pot plant\$0.15			
PRIMULA SINENSIS FIMBRIATA GIANT-FLOWERED SINGLE FRINGED VARIETIES Pkt. Pkt.	Retusus, New Giant White. A magnificent strain of very large white flowers with golden lip			
Giant Blue\$1.00 Giant Salmon\$1.00 Giant Pink 1.00 Giant White 1.00	Hybridus grandiflorus. Large, Orchid-like flowers; 1ft. Finest Mixed			
Giant Red	Finest Mixed. Rose, scarlet, purple and white, Oz. 30c05			
LARGE-FLOWERED DOUBLE FRINGED VARIETIES Pkt. Pkt.	STOCKS			
Double, White\$1.00 Double, Brilliant Red\$1.00	EARLY VARIETIES FOR FORCING Pkt.			
Double, Rosy Pink. 1.00 Double, Finest Mixed 1.00 PRIMULA STELLATA or STAR PRIMULA	Beauty of Nice. Flesh pink			
Pkt. Pkt.	Queen Alexandra. Rosy lilac			
White Star	Crimson King. Fiery crimson			
Improved Finest Mixed	Mont Blanc. Pure white			
PRIMULA OBCONICA GIGANTEA Pkt.	Almond Blossom. White, shaded carmine 1/8 oz. \$1.75 .25			
Gigantea alba. White	Abundance. Carmine rose; dwarf 1 oz. \$1.00 .25			
Gigantea rosea	White Nice. Pure white			
Gigantea hybrida, Finest Mixed	Monte Carlo. Pure yellow			
Gigantea hybrida fimbriata, Giant Fringed Mixed	Empress Elizabeth. Carmine rose; dwarf. Fine for pots			
Malacoides. Light lilac	White Lady. Snow white; dwarf. Fine for pots25			
Malacoides alba.Pure white	Collection of 1 pkt. each of the above 10 varieties,			
PRIMULA KEWENSIS. Bright yellow. A fine pot plant .50	\$1.75			
SCHIZANTHUS (Hardy Annual)	Giant Perpetual Empress Augusta Victoria. Delicate, silvery lilac			
WISETONENSIS, W. & D.'S IMPROVED STRAIN. Well-known, compact strain; charming long- and pro- fuse-blooming hybrids, chiefly light shades—white, buff and rose grounds, with markings and colors of a	Dwarf Forcing Ten-Week Stock "Snow Flake." Snow white, double flowers; splendid for pots 500 seeds \$1.00 .25			
	Princess Alice, or Snow White			
	•			

Vegetables for Forcing

ASPARAGUS CROWNS (Extra Strong)

These crowns are five-year olds, extra heavy and suitable for forcing under glass, or in frames. Doz. \$1.50, 100 \$11.00.

ASPARAGUS ROOTS

Conover's Colossal. Strong 2-year-old roots. 100 \$1.25, 1000 \$10.00. Conover's Colossal. Strong 3-year-old roots. 100 \$1.50,

1000 \$12.00. Conover's Golossal. Extra strong 3-year-old roots for forc-100 \$2.00, 1000 \$16.00. ing.

Palmetto. Strong 2-year-old roots. 100 \$1.25, 1000 \$10.00. Palmetto. Strong 3-year-old roots. Extra strong 3-year-old roots for forcing. 100 Palmetto. \$2.00, 1000 \$16.00.

MUSHROOM SPAWN

English (in Bricks). Per brick 20c., 12 bricks \$2.25, 100 bricks \$16.00.

Pure Culture (in Bricks). Per brick 25c., 100 bricks or over 20c. each.

RHUBARB ROOTS

Extra Strong Clumps. For forcing. Each 25c., doz. \$2.50.

CAULIFLOWER Pkt.	¼ oz.
W. & D.'s First and Best. \$0.50 Erfurt Earliest Dwarf	
Early Snowball	

CUCUMBER

ENGLISH FORCING VARIETIES

Telegraph, Duke of Edinburgh, Covent Garden Favorite, Lockies' Perfection. Each, pkt. 25c.

LETTUCE

W. & D.'s Ideal Forcing. We consider this the best Lettu for growing under glass. Pkt. 15c., ½ oz. 25c., oz. 40c. We consider this the best Lettuce

	Pkt.	Oz.	1/4 lb.
All-Heart	. \$0.10	\$0.50	\$1.50
Boston Market	05	.15	.40
Golden Queen	05	.20	.75

RADISH (Forcing Varieties)

W. & D.'S EARLIEST CARMINE FORCING. The earliest variety in cultivation; deep scarlet; Turnip shaped; very small top; flesh tender, crisp, white and of the most excellent flavor. A most valuable sort for forcing or general sowing. Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb. \$1.25.

Early Scarlet Globe Forcing. A variety of distinct shape and brilliant color; short leaved. Pkt. 5c., oz. 15c., ¼ lb.

40c., lb. \$1.25.

Non Plus Ultra Forcing. Round; deep scarlet; crisp and tender; short leaved. Pkt. 5c., oz. 15c., 1/4 lb. 40c., lb.

FINE FORCING TOMATOES

The Don (Extra Early Forcing). Medium size, dark red in color, solid, and almost globe-shaped. It is an enormous bearer, the plants being covered with clusters of fruit, averaging from 5 to 9 Tomatoes in each cluster. We consider this the best forcing Tomato offered. Pkt. 25c.

Carter's Sunrise. A heavy cropper, free setter, and bears

fine, medium-sized fruits of excellent quality and flavor. Pkt. 25c.

Winter Beauty. A popular variety, yielding heavy bunches, of perfectly formed fruits, deep red in color and of the highest quality. Pkt. 50c.

INSECTICIDES

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

- APHIS PUNK. An excellent furnigant for ridding greenhouses of green and other aphis. Box of 1 doz. rolls 60c., case of 12 boxes \$7.00.
- **APHINE.** A powerful insecticide, but does not affect the most tender growths. Mix one part of Aphine to forty parts of water for use. ½ pt. 25c., ½ pt. 40c., pt. 65c., qt. \$1.00. gal. \$2.50.
- BORDEAUX MIXTURE (Liq.). For all fungoid diseases, such as mildew and various rots of grapes, etc. Pt. 30c., qt. 50c., gal. \$1.25, 5 gals. \$5.00.
- BORDEAUX MIXTURE (Dry Form). For dusting plants affected with mildew and all fungous diseases. Can also be used as a spray. 1-lb. box (makes 5 gals. spray) 40c., 5 lbs. \$1.75, 25 lbs, and over at 32c. per lb.
- FUNGINE. An infallible fungicide for destroying mildew, rust, bench rot, etc. Pt. 75c., qt. \$1.00, gal. \$3.50.
- FISH-OIL SOAP (Whale-Oil Soap). Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Lb. 20c., 5 lbs. 90c., 25 lbs. and over at 16c. per lb.
- **GRAPE DUST (Hammond's).** A powder especially prepared to kill rot and mildew on grapes, etc. Convenient to apply and very effective. 5-lb. pkg. 75c., 100-lb. keg \$14.00.
- NICO-FUME TOBACCO PAPER INSECTICIDE. Nico-Fume is worthy of the attention of all growers. It is packed in special friction-top tin cans, thus preventing loss of nico-tine by evaporation. Can (24 sheets) 85c., gross can (144 sheets) \$4.00, 2-gross can \$7.50.
- NICO-FUME LIQUID. For spraying or fumigating. Effective against green fly, mealy bug, etc. Does not stain or injure blooms, and leaves no disagreeable odor. For spraying, one to two teaspoonfuls to a gallon of water. Four

- ounces (¼ pt.) vaporized in house 100x20 will produce a strong fumigation. ¼-lb. can 50c., 1-lb. can \$1.50, 4-lb. can \$5.50, 8-lb. can \$10.50.
- NICOTICIDE. Fumigating compound. A certain destroyer of all greenhouse bugs. Directions on package. 1 pt. (sufficient for 32,000 cu. ft.) \$2.50, ½ gal. \$8.25, gal. \$15.00. Fumigators for above, 75c. each.
- NIKOTEEN. A thorough exterminator of mealy bugs, thrips, lice and all injurious insects affecting plant life. Bottle, 134 oz. 40c., ½ lb. 85c., 1 pt. \$1.50.
- SULPHUR, POWDERED. A preventive and cure for mildew on grape vines, rose bushes, etc., in or outdoors. Lb. 10c., 10 lbs. 60c., 100 lbs. \$5.50.
- **TOBACCO DUST.** If dusted on while the foliage is moist it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects. 1-lb. shaker box 10c., 5 lbs. 35c., 10 lbs. 60c., 100 lbs. \$3.50.
- For fumigating. 25 lbs. \$1.50, 50 lbs. \$2.75, 100 lbs. \$5.00. TOBACCO STEMS. For fumigating plants, and destroying insects in hothouses, etc. In bales of 100 lbs. \$2.00.
- **VERMINE.** A soil sterilizer and germicide for all soil vermin, such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. One part Vermine to 400 parts of water, thoroughly soaking the ground, does its work effectively without injury to vegetation. ½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00, 5 gals. \$12.00.
- X-L-ALL LIQUID INSECTICIDE (For Spraying). English preparation; purely nicotine; harmless to very delicate plants; kills mealy bug, red spider and all insect pests. Qt. \$1.50, ½ gal. \$2.75, gal. \$5.00.
- X-L-ALLVAPORIZING COMPOUND. The most effectual method of fumigating greenhouses. Bottle sufficient for 10,000 cubic ft., \$2.25; bottle sufficient for 20,000 cubic ft. \$4.50; qt., sufficient for 80,000 cubic ft., \$15.00.

 Fumigators for above, \$1.50 each.

FERTILIZERS

- BONE MEAL. This is a very pure, finely pulverized form of ground bone, especially prepared for Rose culture, top-dressing for lawns, and for potted plants. Lb. 10c., 10 lbs. 60c., 100 lbs. \$3.50, 200-lb. bag \$6.50, ton \$60.00.
- **BONE, GROUND.** A little coarser than the above; suitable for general purposes. 100 lbs. \$3.50, 200 lbs. \$6.50, ton \$60.00.
- **DRIED BLOOD.** Excellent for Carnations. 100 lbs. \$8.00.
- CHARCOAL. Lump, or small; for potting. 100 lbs. \$2.50.
- **CLAY'S FERTILIZER.** This is one of the best manures for all horticultural purposes, either in greenhouse or garden, and we believe its high reputation is well deserved. It is productive and lasting, and notwithstanding its apparently high price it is quite economical. 14 lbs. \$1.75, 28 lbs. \$2.75, 56-lb. bag \$4.50, 112-lb. bag \$8.00.
- **ICHTHEMIC GUANO.** A valuable plant food that fulfils all the requirements of plants, flowers, fruits and vegetables. Clean to handle and absolutely reliable. 56-lb. bag \$4.50, 112-lb. bag \$8.00.
- MOSS. Live Green Sphagnum. Used for potting Orchids and other stove plants. Bbl. \$3.50.
- MOSS, Sphagnum. (Dry.) Very useful for mixing in soil for potting. Bale containing about 5 bbls. \$3.50.
- MOSS, Sheet. (Natural Green.) Bale, about 2 bus., \$6.00.

- NITRATE OF SODA. It is valuable for grain, corn, beets, potatoes, grasses, peas, beans, clover, etc. Being extremely soluble, it should not be applied until the plants are above ground, using 100 to 500 lbs. to the acre, mixed with wood ashes. 5 lbs. 60c., 10 lbs. \$1.00, 25 lbs. \$2.25, 50 lbs. \$4.00, 100 lbs. \$7.00.
- **PEAT, JERSEY.** Of great value for hothouse and greenhouse plants, and especially for orchids. Bbl. \$2.50.
- PEAT, FIBROUS. For orchids. Bbl. \$2.75.
- soot, imported scotch. An excellent fertilizer for stimulating growth and giving a rich dark foliage; also an excellent remedy against slugs, grubs and cut-worms when mixed in the surface of the soil. 112 lbs. \$5.00.
- sheep manure, pulverized. Use about one ton to the acre, and apply in the Fall or early Spring. Excellent as a top dressing for lawns. Its effect is immediate and lasting. Also valuable for mixing with soil for greenhouse plants, one part of manure to six parts of soil. When used as a liquid manure, use one pound to five gallons of water. 5 lbs. 35c., 10 lbs. 60c., 100 lbs. \$2.50, ton \$40.00.
- **THOMSON'S VINE MANURE.** Valuable for vines, tomatoes, cucumbers and fruit trees growing under glass, etc.; also for vegetables and outdoor plants of every description. 56-lb. bag \$4.50, 112-lb bag \$8.00.
- THOMSON'S SPECIAL CHRYSANTHEMUM MANURE.
 This special manure is meant to be used as an additional stimulant during the growing season. 56-lb. bag, \$8.00.

"W. & D.'s Bonnieseed" Lawn Grass

Will Produce a Rich, Green, Velvety Lawn

A combination of various fine-leaved, deep-rooting grasses, carefully blended and thoroughly mixed. Price, qt. 30c., 2 qts. 55c., 4 qts. \$1.00, pk. \$1.75, bus. (20 lbs.) \$6.00. One quart will sow 15x20 feet (300 square feet). Five bushels will sow one acre. We deliver this mixture free anywhere in the United States at above prices.

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